Canadian Anaesthetists' Society Journal

Index of Authors

VOLUME 33, 1986

Abdulatif M, Naguib M. Accelerated reversal of atracurium blockade with divided doses of neostigmine, 723

- see Naguib M, it. auth.

Abou-Madi M, see Katz JM, it. auth.

- see Lenis S, jt. auth.

Abou-Madi N, see Katz JM, jt. auth.

Absood A, see Naguib M, it. auth.

Absood GH, see Naguib M, it. auth.

Adu-Gyamfi Y, see Naguib M, it. auth.

Ahern Cp, see Gronert GA, it. auth.

Ahuja B, see Sharpe D, jt. auth.

Allen G, Samson B. Contralateral Horner's syndrome following stellate ganglion block (correspondence), 112

Allen G, Samson B. Contralateral spread of local anaesthetic solutions (correspondence reply), 829

Amaranath L, Esfandiari S, Lockrem J, Rollins M. Epidural analgesia for total hip replacement in a patient with dilated cardiomyopathy (clinical report), 84

Amyot R, see Michoud MC, jt. auth.

Anderson BJ, see Johnston RG, jt. auth.

Anderson JK, see Bennett MJ, jt. auth.

Anderson KD, see Kapsten JE, jt. auth.

Anderson S, see Tremper KK, jt. auth.

Ansley D, see Litak C, it. auth.

Ansley DM, Bent JM, Ramsay JG, Whalley DG, Wynands JE. Cardiac function during abdominal aortic surgery. Preoperative assessment of the need for pulmonary artery catheterization (abst.), \$70

Antzaka C, see Donati F, jt. auth.

Anzai Y, see Nishikawa T, jt. auth.

Archer DP, see Labrecque P, it. auth.

- see Lenis S, jt. auth.

Arvieux CC, see Ramsay JG, jt. auth.

Axelson JE, see McMorland GH, jt. auth.

Azar I, see Thiagarajah S, jt. auth.

Bachman CR, Biehl DR, Sitar D, Cumming M, Pucci W. Isoflurane potency and cardiovascular effects during short exposures in the foetal lamb, 41

- see Friesen C, jt. auth.

Baillergeon R, see Hardy J-F, jt. auth.

Baker JP, see McDonald NJ, jt. auth.

Barabas E, Zsigmond EK, Kirkpatrick AF. The inhibitory effect of esmolol on human plasmacholinesterase, 332

Baraka A. Haemodynamic reactions to succinylcholine
 an alternative hypothesis (correspondence), 252

Barker SJ, see Tremper KK, jt. auth.

Barr M, see Rasch DK, it. auth.

Barra DP, Dru M, Freffe B. Late venous perforations due to percutaneous central venous cannulation (correspondence), 255

Barry P, see Cunningham AJ, jt. auth.

Barry PP, see Plourde G, jt. auth.

Bautista MJ, Kuwahara BS, Henderson CU. Transcutaneous oxygen monitoring in an infant undergoing tracheoesophageal fistula repair (clinical report), 505

Baxter A, see Samson B, jt. auth.

Baxter M, Bevan JC, Donati F, Bevan DR. d-Tubocurarine priming in children (abst.), S86

Bayliff CD, see Reid SR, jt. auth.

Bedder MD, Kozody R, Palahniuk RJ, Cumming MO, Pucci WR. Clonidine prolongs canine tetracaine spinal anaesthesia, 591

Bedford RF, see Minton MD, it. auth.

BélisleS, HardyJF, Saint-GermainJF. Réponse hémodynamique a l'intubation chez le patient éveillé (abst.), S117

Bellefleur M, Layon J, Gallagher TJ, Berman LS, Davidson DD. Effects of high frequency vs conventional mechanical ventilation on intracranial and cerebral perfusion pressures (abst.), S94

Belman AB, see Kapsten JE, jt. auth.

Bennett MJ, Anderson LK, McMillan JC, Ebertz JM, Hanifin JM, Hirschman CA. Anaphylactic reaction during anaesthesia associated with positive intradermal skin test to fentanyl (clinical report), 75

Bent JM, see Ansley DM, jt. auth.

Benumof JL. Anaesthesia for thoracic surgery: recent advances: refresher course outline, S28

Berger L, see Sitar DS, jt. auth.

Berman LS, see Bellefleur M, jt. auth.

Bernard JM, Pinard M, Carteau S, Hubert C, Souron R. Hypotensive actions of diltiazem and nitroprusside compared during fentanyl anaesthesia for total hip arthroplasty, 308

Bertram SG, Koch JP, Dubbin JD, Maggisano R, Mc-Kenzie RN. Haemodynamic and metabolic changes after aortic cross-clamping for thoraco-abdominal aneurysm resection (abst.), S68

Bevan DR, see Baxter M, jt. auth.

- see Donati F, jt. auth.

- see Lahoud J, jt. auth.

Biehl D, Palahniuk RJ. Update on obstetrical anaesthesia (continuing medical education), 238

Biehl DR, see Bachman CR, jt. auth.

- see Friesen C, jt. auth.

Bissonnette B, Lerman J. Single breath end-tidal PCO₂ approximates arterial PCO₂ in infants and children: abst., S76

 Roy WL. Obstruction of fresh gas flow in an Ayre's T-piece (correspondence), 535

Bizzarri-Schmid MD, Desai S. Prolonged neuromuscular blockade with atracurium (clinical report), 209; (correspondence – reply), 684

Blackstock D, Gettes MA. Negative pressure in the middle ear in children after nitrous oxide anaesthesia, 32

Blaise G, Sill JC, Nugent M, Vanhoutte PM. Fentanyl and responsiveness of canine coronary arterial smooth muscle (abst.), S104

- see Lamarche Y, jt. auth.

Blaise GA, Roy WL. Spinal anaesthesia for minor paediatric surgery (clinical report), 227

Blanc VF, Vaillancourt G, Brisson G. Succinylcholine, fasciculations and myoglobinaemia, 178

Bleyaert AL, see Haigh JD, it. auth.

Bohn DJ, see Burrows FA, jt. auth.

Boulanger M, see Maillé J-G, jt. auth.

Bradley JW, see Hudes ET, jt. auth.

Brebner J, see Hudes ET, it. auth.

Brisson G, see Blanc VF, jt. auth.

Brister S, see Robinson RJS, it. auth.

Britt BA. Malignant hyperthermia: choice of anaesthesia for muscle biopsy (correspondence), 419

- see Cunliffe M, jt. auth.

Broadman LM, see Kapsten JE, jt. auth.

- see Rosen KR, jt. auth.

Brock-Utne JG, see Humphrey D, it. auth.

Browder F, see Rasch DK, jt. auth.

Brown P, Caplan RA. Recognition of an unsuspected phaeochromocytoma during elective coronary artery surgery (clinical report), 785

Brown SC, Lam AM, Manninen PH. Haemodynamic effects of high-dose mannitol in man (abst.), S92

 Monitoring of somatosensory-evoked potentials in man during isoflurane and isoflurane-nitrous oxide anaesthesia (abst.), S80

- see Manninen PH, it. auth.

Brown SJL, see Girotti MJ, it. auth.

Booij LHDJ, see Smelt WLH, jt. auth.

Bose D, see Ong BY, jt. auth.

Boucherez C, see Delva E, jt. auth.

Boulton AJ, Wilson N, Turnbull KW, Yip RW. Haemodynamic and plasma vasopressin responses during high-dose fentanyl or sufentanil anaesthesia, 475

Burn JMB, see Wilton NCT, it. auth.

Burrows FA, Klinck JR, Rabinovitch M, Bohn DJ. Pulmonary hypertension in children: perioperative management (review article), 606

 Norton JB, Fewel J. Cardiovascular and respiratory effects of ketamine in the neonatal lamb, 10

- see Cunliff M, jt. auth.

Byrick RJ. Acute renal failure: update: refresher course outline, S9

 Howie G, Kay JC, Waddell JP, Mullen B. Monitoring for marrow embolism during cemented arthroplasty procedures (abst.), S120

 Rose DK. Will we ever have a universal anaesthetic breathing system? (editorial), 694

Cannon JE, see Friesen RM, jt. auth.

- see Thomson IR, it. auth.

Caplan RA, see Brown P, it. auth.

Carli F, see Ralley FE, jt. auth.

Carteau S, see Bernard JM, jt. auth.

Cartwright P, see McCarroll SM, it. auth.

Casey W, see Cunningham AJ, jt. auth.

Casthely PA, Dluzneski J, Resurreccion MA, Kleopoulos, Redko V. Ventricular fibrillation during general anaesthesia in a seven-year-old patient with mitral valve prolapse (clinical report), 795

- see Fyman PN, it. auth.

Catchlove RFH. Integrated management of chronic pain (refresher course outline), S13

Cattran C, see Lewis GW, jt. auth.

Cervenko FW, see Milne B, jt. auth.

Chandon M, see Delva E, it. auth.

Charest J, see Hardy J-F, jt. auth.

Cheng S-C, see Dykes MHM, jt. auth.

Chovaz P, see Sandler AN, jt. auth.

Chraemmer-Jørgensen B, Høilund-Carlsen PF, Marving J, Christensen V. Left ventricular ejection fraction during anaesthetic induction: comparison of rapid-sequence and elective induction, 755

Christensen V, see Chraemmer-Jørgensen B, jt. auth. Chubra-Smith NM, Grant RP, Jenkins LC. Perioperative transcutaneous oxygen monitoring in thoracic anaesthesia, 745

Chung DC, Hunter DJ, Pavan FJ. The quick-mount pipeline connector: failure of a "fail-safe" device (clinical report), 666

- see Lim G, jt. auth.

Chung F, Meier R. General or spinal anaesthesia: which is better for the elderly? (abst.), S118

Cohen G, see Kapur PA, jt. auth.

Cohen H, see Dykes MHM, jt. auth.

Cohen L. The medical devices adverse experience reporting project (editorial), 1

Cohen MM, Duncan PG, Pope WDB, Wolkenstein C.
Postoperative complications (correspondence – reply), 533

A survey of 112,000 anaesthetics at one teaching hospital (1975–1983), 22

Coleman P, Roth S. Combinations of volatile anaesthetics do not produce simple additive effects on a single isolated neuron (abst.), S108

Cook DR. Newborn anaesthesia: pharmacological considerations (refresher course outline), \$38

Coombs DW, see Yeager MP, jt. auth.

Côté C, see Hardy J-F, jt. auth.

Coté CJ, Liu LMP, Szyfelbein SK, Firestone S, Goudsouzian NG, Welch JP, Daniels AL. Intraoperative events diagnosed by expired carbon dioxide monitoring in children, 315

Cottrell JE, see Fyman PN, jt. auth.

Couture J, see Michoud MC, jt. auth.

Covino BG. Recent advances in local anaesthesia (refresher course outline), S5

- see Liu PL, jt. auth.

Craig DB, see Moodie PF, jt. auth.

Crean P, Gideon K, Goresky G, Klein J, Macleod S. Fentanyl-oxygen versus fentanyl-N₂O oxygen anaesthesia in children undergoing cardiac surgery, 36

Cumming MO, see Bachman CR, jt. auth.

- see Bedder MD, jt. auth.

Cunliffe M, Lerman J, Britt BA. Is prophylactic dantrolene indicated for MHS patients undergoing elective surgery? (abst.), S113

- Lucero VM, McLeod ME, Burrows FA, Lerman J.

Neuromuscular blockade for rapid tracheal intubation in children: comparison of succinylcholine and pancuronium, 760

Cunningham AJ, Barry P. Intraocular pressurephysiology and implications for anaesthetic management: review article, 195

 Casey W, Hannon V. Visual evoked changes following transurethral prostatectomy – correlation with glycine absorption and ammonia metabolism (abst.), \$96

- see Hannon VM, jt. auth.

Dajee H, see Kapur PA, jt. auth.

Dangol H, see Maltby JR, it. auth.

Daniels AL, see Coté CJ, jt. auth.

Davidson DD, see Bellefleur M, jt. auth.

Davies JM. Consequence versus subsequence: outcome after anaesthesia (editorial), 265

- see Paasuke RT, jt. auth.

de Lange JJ, see Smelt WLH, it, auth.

Delva E, Sadoul N, Chandon M, Boucherez C, Lienhart A. Air embolism during liver resection: an unusual mechanism of entry from a peristaltic pump (clinical report), 488

Derrick JB. AIDS and the safety and adequacy of the Canadian blood supply (editorial), 117

Desai SP, see Bizzarii-Schmid MD, jt. auth.

Desmonts JM, see Tiret L, jt. auth.

DeWolf AM, see Haigh JD, it. auth.

Diamond C, see Lam AM, jt. auth. Dluzneski J, see Casthely PA, jt. auth.

Dodge CP, see Yeager MP, jt. auth.

Dohi S, see Fukada T, jt. auth.

- see Nishikawa T, jt. auth.

Dolman J, Godin DV. Nyocardial ischaemic/ reperfusion injury in the anaesthetized rabbit: comparative effects of halothane and isoflurane, 443

Donati F. Prolonged neuromuscular blockade with atracurium (correspondence), 683

 Lahoud J, Walsh CM, Lavelle PA, Bevan DR. Onset of pancuronium and d-tubocurarine blockade with priming, 551

McCarroll SM, Antzaka C, Bevan DR, McCready D.
 Dose-response relationships for edrophonium,
 pyridostigmine and neostigmine as antagonists of pancuronium and d-tubocurarine (abst.), S87

- see Baxter M, jt. auth.
- see Lahoud J, it. auth.
- see McCarroll SM, jt. auth.
- see Robbins R, jt. auth.

Donati R, Bevan DR. The influence of patient's sex, age and weight on pancuronium onset time (abst.), S86

Donegan J. CPR 1986 (refresher course outline), S43

Douglas MJ, Kim JHK, Ross PLE, McMorland GH.

The effect of epinephrine in local anaesthetic on epidural morphine-induced pruritus, 737

- McMorland GH. The anaesthetic management of the malignant hyperthermia susceptible parturient (clinical report), 371
- see McMorland GH, jt. auth.

Downing JW, see Humphrey D, it. auth.

Doyle DJ. Arterial/alveolar oxygen tension ratio (a critical appraisal), 471

 Relton JES. A high-pressure alarm for the detection of obstruction of the fresh gas line in the T-piece circuit (technical report), 94

Dru M, see Barra DP, jt. auth.

Dubbin JD, see Bertram SG, jt. auth.

Dubé S, see Hardy JF, jt. auth.

Duke PC, see Kozody R, jt. auth.

- see Sitar DS, jt. auth.

Duncan PG, see Chohen MM, it. auth.

Dykes MHM, Cheng S-C, Cohen H, Valle RF. Multiple neuromuscular blocking agents and reversal in a patient with absent plasma cholinesterase (clinical report), 657

Dyrda I, see Maillé J-G, jt. auth.

Ebertz JM, see Bennett MJ, it. auth.

Ehrenpreis MB, see Hannallah RS, it. auth.

Esfandiari S, see Amaranath L, jt. auth.

Estafanous FG, see Sethna DH, jt. auth.

Eustis S, Lerman J, Smith D. Droperidol pretreatment in children undergoing strabismus repair: the minimal effective dose (abst.), S115

Famewo CE, see Naguib M, jt. auth.

Farag H, see Naguib M, it. auth.

Farrar JK, see Woodcock TE, jt. auth.

Farrell M, see Gelb AW, jt. auth.

Fewel J, see Burrows FA, it. auth.

Finch JS, see Rudow M, jt. auth.

Finholt DA, see Johns RA, it. auth.

Firestone S, see Coté CJ, jt. auth.

Flacke W, see Kapur PA, jt. auth.

Floyd P, see Gelb AW, it. auth.

Foëx P, see Ramsay JG, jt. auth.

Forbes RB, Kumar V, Mitros FA, Johnson GM. Plasma levels and mucosal damage following rectal ad-

ministration of 2% or 17% methohexitone in rats (abst.), S107

Fox GS, see Writer WDR, jt. auth.

Freedman J, Lim C, Wright J. Changing patterns of transfusion practice in a tertiary care hospital from 1977–1984, 458

Freffe B, see Barra DP, it. auth.

Friesen C, Yarnell R, Bachman C, Meatheral R, Biehl D. The effect of lidocaine on regional blood flows and cardiac output in the non-stressed and the stressed foetal lamb, 130

Friesen RM, Thomson IR, Hudson RJ, Rosenbloom M, Putnins CL, Cannon JE. Fentanyl oxygen anaesthesia for abdominal aortic surgery, 719

Fukuda T, Dohi S. Anaphylactic reaction to fentanyl or preservative (correspondence), 826

Fuller HD. Cyanosis of the hands following the use of alphaprodine in dental anaesthesia (clinical report), 213

Fuller J, Gelb AW, Karlik S. The influence of halothane and innovar on brain oedema formation (abst.), 110 Fullerton HA, see Litak C, it. auth.

- see Ralley FE, it. auth.

Fyman PN, Cottrell JE, Kushins L, Casthely PA. Vasodilator therapy in the perioperative period (review article). 629

Gallacher WN, see McDonald NJ, jt. auth.

Gallagher TJ, see Bellefleur M, it. auth.

Gambling DR, see McMorland GH, jt. auth.

Gatt S, see Liu PL, jt. auth.

Gauthier M, Lacroix J, Rousseau E. Motifs d'admission et causes de mortalité dans une unité multidisciplinaire de soins intensifs pédiatriques (clinical report), 89

Gelb AW, Floyd P, Lok P, Peerless SJ, Farrell M. A prophylactic bolus of thiopentone does not protect against prolonged focal cerebral ischaemia, 173

- see Fuller J, jt. auth.
- see Lam AM, jt. auth.
- see Manninen PH, jt. auth.

Gellman MD, see Telzlaff JE, jt. auth.

Gemmell L, see McGillivray RG, it. auth.

Gerber HR, Romppainen J, Schwinn W. Potentiation of atracurium by pancuronium and d-tubocurarine, 563

Gettes MA, see Blackstock D, jt. auth.

Gideon K, see Crean P, jt. auth.

Girotti MJ, Brown SJL. Factors predicting discharge from intensive care: a Canadian experience, 294

 Reducing the costs of ICU admission in Canada without diagnosis-related or case-mix groupings, 765

Girouard G, see Hardy J-F, jt. auth.

Godin DV, see Dolman J, jt. auth.

Goldberg ME, Moore JH, Jarrell BE, Seltzer JL. Anaesthetic technique for transvenous pulmonary embolectomy (clinical report), 79

Goldberg RJ, see Porter SS, jt. auth.

Goresky G, see Crean P, jt. auth.

Goresky GV, see Sharpe D, it. auth.

Goudsouzian NG, see Coté CJ, jt. auth.

Gourdeau M, Martin R, Lamarche Y, Tétreault L. Oscillometry and direct blood pressure: a comparative clinical study during deliberate hypotension, 300

Grace DM, see Lam AM, it. auth.

- see Moote CA, it. auth.

Grant RP, see Chubra-Smith NM, it. auth.

Green CG. Further improvements in the technique of fiberoptic intubation (correspondence – reply), 824

Greengrass R, see Ong, BY, jt. auth.

Greer D, see Rasch DK, jt. auth.

Gregory G, see Ong BY, jt. auth.

Gronert GA, Ahern CP, Milde JH. Treatment of procine malignant hyperthermia: lactate gradient from muscle to blood, 729

Guay J, see Hardy J-F, it. auth.

Gugino LD, see Liu PL, it. auth.

Guiraudon G, see Woodstock TE, jt. auth.

Guzetta PC, see Kapsten JE, jt. auth.

Gyasi HK, see Naguib M, it. auth.

Ha HC, Weiler RL. Estimation of blood loss in the operating room (correspondence), 685

Haigh JD, Nemoto EM, DeWolf AM, Bleyaert AL.
Comparison of the effects of succinylcholine and atracurium on intracranial pressure in monkeys with intracranial hypertension, 421

Hall ID, see Mayhew JF, jt. auth.

Hanifin JA, see Bennett MJ, jt. auth.

Hannallah RS, Patel RI, Ehrenpreis MB, Soliman IE.
The need for oxygen following anaesthesia in children: correlation with recovery scores (abst.), S111

- see Kapsten JE, jt. auth.

Hannon VM, Cunningham AJ, Hutchinson M, McNicholas W. Aspitation pneumonia and coma – an unusual presentation of dystrophica myotonia (clinical report), 803

- see Cunningham AJ, jt. auth.

Hardy J-F, Charest J, Girouard G, Lepage Y. Nausea and vomiting after strabismus surgery in preschool children, 57

 Guay J, Baillergeon R. A plan for the anaesthetic management of a patient coming to surgery (correspondence), 256

 Plourde G, Lebrun M, Dubé S, Côté C. Measuring the volume of gastric contents under general anaesthesia: evaluation of two clinical methods (abst.), S119

- see Bélisle S, jt. auth.

- see Plourde G, it. auth.

Harpin RP, see McDonald NJ, it. auth.

Harrison L, see Ralley FE, jt. auth.

- see Hickey DR, jt. auth.

Haskel Y, see Vatasjsky E, jt. auth.

Hatton F, see Tiret L, jt. auth.

Heinonen J, Salmenperä M, Suomivuori M. Contribution of muscle relaxant to the haemodynamic course of high-dose fentanyl anaesthesia: a comparison of pancuronium, vecuronium and atracurium, 597

Henderson CU, see Bautista MJ, jt. auth.

Henderson MB, see Milne B, jt. auth.

Hickey DR, Harrison L, Ramsay JG, Wynands JE.
Hyperkalaemic cardiac arrest following intravenous hydralazine and propranolol therapy postembolectomy (clinical report), 379

Hill AB, see Rudow M, it. auth.

Hirano T, see Yamashita M, it. auth.

Hirshman CA, see Bennett MJ, jt. auth.

Høilund-Carlsen PF, see Chraemmer-Jørgensen, jt.

Hope CE, Morrison DL. Understanding and selecting monitoring equir_nent in anaesthesia and intensive care (continuing medical education), 670

- see O'Brien DJ, jt. auth.

Howie G, see Byrick RJ, it. auth.

Hubert C, see Bernard JM, jt. auth.

Hudes ET, Bradley JW, Brebner J. Hydropneumothorax
– an unusual complication of lung lavage (clinical report), 622

Hudson RJ, see Friesen RM, jt. auth.

- see Thomson IR, jt. auth.

Humphrey D, Brock-Utne JG, Downing JW. Single lever Humphrey A.D.E. low flow universal anaesthetic breathing system:

Part I: Comparison with dual lever A.D.E., Magill and Bain systems in anaesthetized spontaneously breathing adults, 698

Part II: Comparison with Bain system in anaesthetized adults during controlled ventilation, 710

Hunter DJ, see Chung DC, jt. auth. Hurtig JB, see Writer WDR, jt. auth. Hutchinson M, see Hannon VM, jt. auth.

Ibrahim AEW, see Naguib M, jt. auth. Imrie DD, see O'Brien DJ, jt. auth.

Jann H, see McGillivray RG, jt. auth.
Janson BA, Poulton TJ. Does PEEP reduce the incidence of aspiration around endotracheal tubes? 157
Jarrell BE, see Goldberg ME, jt. auth.
Jeanneret-Grosjean A, see Michoud MC, jt. auth.
Jeffery WK, see McMorland GH, jt. auth.
Jenkins LC, see Chubra-Smith NM, it. auth.

- see McMorland GH, jt. auth.
- see Malm DN, jt. auth.

Johns RA, Finholt DA, Stirt JA. Anaesthetic management of a child with dermatomyositis (clinical report), 71

Johnson GM, see Kumar V, jt. auth.

Johnston RG, Anderson BJ, Noseworthy TW, Shustack A. Diprivan versus thiopentone for outpatient surgery (abst.), S106

Jones E, see Robinson RJS, jt. auth. Jones LA, see Ramsay JG, jt. auth.

Kapsten JE, Broadman LM, Hannallah RS, Norrie WC, Mundy GL, Belman AB, Anderson KD, Guzetta PC. Is there optimum concentration of bupivacaine for caudal analgesia in outpatient surgery for children? (abst.), \$114

Kapur PA, Norel EJ, Dajee H, Cohen G, Flacke W. Haemodynamic effects of verapamil administration after large doses of fentanyl in man, 138

Katz J, see Mayhew JF, jt. auth.

Katz JM, Abou-Madi M, Abou-Madi N, Trop D. Do mannitol-induced haemodynamic responses influence its effect on intracranial pressure? A study in the dog with and without induced intracranial hypertension (abst.), S81

Karlick S, see Fuller J, jt. auth.

Kay JC, see Byrick RJ, jt. auth.

- see Noble WH, jt. auth.

Kehler CH. Evolution of patient care in the early postoperative period (editorial), 269

- see Kozody R, jt. auth.
- see Mensick FJ, jt. auth.

Kettyls GD, see Malm DN, it. auth.

Kinley CE, see O'Brien DJ, jt. auth.

Kim JHK, see Douglas MJ, jt. auth.

- see McMorland GH, jt. auth.

Kirkpatrick AF, see Barabas E, jt. auth.

Kitts JB, Veillieux LJ, McBurney R, Martineau R. Effects of succinylcholine on residual non-

depolarizing neuromuscular blockade (abst.), S75

Klein J, see Crean P, jt. auth.

Kleopoulos N, see Casthely PA, jt. auth.

Klinck JR, see Burrows FA, jt. auth.

Knill RL. Relationship of transcutaneous PO₂ to arterial PO₂ (correspondence – reply), 109

- see Moote CA, jt. auth.

Koch JP, see Bertram SG, jt. auth.

Kozody R, Kehler CH, Duke PC, Parrott DJ, Palahniuk RJ, Wade JG. The effect of thoracic aortic occlusion on the canine cerebral circulation (abst.), S95

- see Bedder MD, jt. auth.
- see Mensick FJ, jt. auth.

Krishnan A, see Moseley HSL, it. auth.

Kumar V, see Forbes RB, jt. auth.

Kushins L, see Fyman PN, jt. auth.

Kuwahara BS, see Bautista MJ, jt. auth.

Labrecque P, Archer DP, Tyler J, Meyer E, Trop D.

The effects of isoflurane or nitrous oxide on cerebral blood volume in the dog (abst.), S79

Lacroix J, see Gauthier N, jt. auth.

Lahoud J, Donati F, Bevan DR, McCready D. Neostigmine, edrophonium and pyridostigmine as antagonists of deep pancuronium blockade (abst.), S88

- see Donati F, jt. auth.

Laishley RS, O'Callaghan AC, Lerman J. Effects of dose and concentration of rectal methohexitone for induction of anaesthesia in children, 427

 Roy WL. Freeman-Sheldon syndrome: report of three cases and the anaesthetic implications (clinical report) 388

Lam AM, Gelb AW, Steinberg GK, Manninen PH, Neto AR. Dose low-dose lidocaine have a protective effect in focal cerebral ischaemia (abst.), \$93

- Grace DM, Manninen PH, Diamond C. A doubleblind comparison of cimetidine and ranitidine with or without metoclopramide for acid aspiration prophylaxis in morbidly obese patients (abst.), S110
- Grace DM, Manninen RH, Diamond C. The effects of cimetidine and ranitidine with and without metoclopramide on gastric volume and pH in morbidly obese patients, 773
- see Brown SC, it. auth.

- see Macnab MSP, it. auth.

- see Manninen PH, jt. auth.

Lamarche Y, Martin R, Reiher J, Blaise G. The sleep apnoea syndrome and epidural morphine (clinical report), 231

- see Gourdeau M, it. auth.

Landow L. The recovery room in the 1980's (special article), 349

Lavelle P, see McDonald NJ, jt. auth.

Lavelle PA, see Donati F, jt. auth.

Lavery GG, McGalliard JN, Mirakhur RK, Shepherd WFI. The effects of ataracurium on intraocular pressure during steady state anaesthesia and rapid sequence induction: a comparison with succinylcholine. 437

Layon J, see Bellefleur M, jt. auth.

Lear E, see Thiagarajah S, jt. auth.

Lebrun M, see Hardy JF, it. auth.

Leiman BC, see Mayhew JF, jt. auth.

Lenis S, Abou-Madi M, Archer D, Ravussin P, Trop D.
Comparison of direct blood pressure measurements to the radial and dorsalis pedis arteries during sodium nitroprusside and isoflurane hypotension (abst.), S116

Lepage Y, see Hardy J-F, jt. auth.

Lerman J, see Bissonnette B, jt. auth.

- see Cunliffe M, it. auth.

- see Eustis S. jt. auth.

- see Laishley RS, jt. auth.

Lewis GW, Cattran C. Malignant hyperthermia: choice of anaesthesia for muscle biopsy (correspondence), 419

Liberman BA, Skala R. Atracurium to prevent succinylcholine fasciculations and myalgias (abst.), S90

Lienhart A, see Delva E, jt. auth.

Lim C, see Freedman J, it. auth.

Lim G, Chung DC. Increasing carbon dioxide tension during emergence – how safe is your approach? (abst.), S77

Litak C, Ansley D, Wynands JE, Ralley FE, Fullerton H, Ripley AR, Sami MH. Incidence of pre-bypass ischaemia during sufentanil/Q₂ pancuronium anaesthesia in patients undergoing coronary artery surgery (abst.), S97

Liu LMP, see Coté CJ, jt. auth.

Liu PL, Gatt S, Gugino LD, Mallampati SR, Covino BG. Esmolol for control of increases in heart rate and blood pressure during tracheal intubation after thiopentone and succinylcholine, 556 Lockrem J, see Amaranath L, jt. auth.

Lok P, see Gelb AW, jt. auth.

Lucero VM, see Cunliff M, it. auth.

Lunn JN. Postoperative complications (correspondence), 533

McBurney R, see Kitts JB, jt. auth.

McCammon RL. Prophylaxis for aspiration pneumonitis: refresher course outline (abst.), S46

McCarroll SM, Cartwright P, Weeks SK, Donati F.
Warming intravenous fluids and the incidence of shivering during Caesarean sections under epidural anaesthesia (abst.), S72

- see Donati F, jt. auth.

McCready D, see Donati F, it. auth.

- see Lahoud J, jt. auth.

McDonald NJ, Lavelle P, Harpin RP, Gallacher WN, Baker JP. Usefulness of the oxygen cost of breathing as an index of weaning ability from mechanical ventilation (abst.), S74

McGalliard JN, see Lavery GG, it. auth.

McGillivray RG, Jann H, Vanker E, Gemmell L, Mahomedy AE. Development of malignant hyperthermia obscured by cardiopulmonary bypass (clinical report), 509

McKenzie FN, see Woodcock TE, jt. auth.

McIntyre AJ, see O'Brien DJ, jt. auth.

McIntyre JWR. Anaesthesia breathing circuits (continuing medical education), 98

McKenzie RN, see Bertram SG, jt. auth.

McLeod ME, see Cunliff M, jt. auth.

Macleod S, see Crean P, it. auth.

McMillan JC, see Bennett MJ, it. auth.

McMorland GH, Douglas MJ. Epidural morphine for postoperative analgesia (correspondence), 115

 Douglas MJ, Jeffrey WK, Ross PLE, Axelson JE, Kim JHK, Gambling DR, Robertson K. Effect of pH-adjustment of bupivacaine on onset and duration of epidural analgesia in parturients, 537

 Jenkins LC, Douglas MJ. A survey of obstetric anaesthesia practice in British Columbia, 185

- see Douglas MJ, jt. auth.

Macnab MSP, Lam A, Manninen PH. Isoflurane-induced hypotension does not cause an increase in catecholamines (abst.), S109

McNicholas W, see Hannon VM, jt. auth.

Maggisano R, see Bertram SG, jt. auth.

Mahomedy AE, see McGillivray RG, jt. auth.

Maillé J-G, Boulanger M, Dyrda I, Tremblay N. Anaesthesia and myocardial infarction (continuing medical education). 808

Mainprize TC, Maltby JR. Amniotic fluid embolism: a report of four probable cases (clinical report), 382

Malla DS, see Maltby JR, jt. auth.

Mallampati SR, see Liu PL, jt. auth.

Malm DN, Mathias RG, Turnbull KW, Kettyls GD, Jenkins LC. Prevalence of hepatitis B in anaesthesia personnel, 167

Maloney LL, see Yeager MP, it. auth.

Maltby JR, Malla DS, Dangol H. Open drop ether anaesthesia for Caesarean section: a review of 420 cases in Nepal (clinical report), 651

- see Mainprize TC, it. auth.

Manninen PH, Lam A, Gelb A, Brown SC. The effect of high-dose mannitol on serum and urine electrolytes and osmolality in neurosurgical patients (abst.), S91

- see Brown SC, jt. auth.
- see Lam AM, it. auth.
- see Macnab MSP, jt. auth.

Martin R, see Gourdeau M, jt. auth.

- see Lamarche Y, jt. auth.

Martineau R, see Kitts JB, jt. auth.

Marving J, see Chraemmer-Jørgensen B, jt. auth.

Mathias RG, see Malm DN, it. auth.

Mayhew JF, Katz J, Miner M, Leinan BC, Hall ID.

Anaesthesia for the achondroplastic dwarf (clinical report), 216

May KS, see Schnapp M, jt. auth.

Meatheral R, see Friesen C, it. auth.

Meier R, see Chung F, jt. auth.

Mensink FJ, Kozody R, Kehler CH, Wade JG. Doseresponse relationship of clonidine in tetracaine spinal anaesthesia (abst.), S85

Meyer E, see Labrecque P, jt. auth.

Michoud MC, Amyot R, Jeanneret-Grosjean A, Couture J. Reflex bronchodilation induced by laryngeal stimulation in humans (abst.), \$73

Milde JH, see Gronert GA, jt. auth.

Milne B, Cervenko FW, Henderson MB, Westra PJ. Transducer offset by electrocautery resulting in erroneous blood pressure measurement (technical report), 234

Miner M, see Mayhew JF, it. auth.

Minton MD, Stirt JA, Bedford RF. Serum potassium following succinylcholine in patients with brain tumours, 328 Mirakhur RK. Edrophonium and plasma cholinesterase activity, 588

- see Lavery GG, jt. auth.

Mitenko PA, see Sitar DS, jt. auth.

Mitros FA, see Kumar V, jt. auth.

Moffitt EA, see O'Brien DJ, it. auth.

Moodie PF, Craig DB. Experimental design and statistical analysis (special article), 63

Moore JH, see Goldberg ME, it. auth.

Moote CA, Skinner MI, Grace DM, Knill RL. Severe sleep-related hypoxaemia after abdominal surgery in the morbidly obese (abst.), S105

Moriarty DC, see O'Brien DJ, jt. auth.

Morison DH, see Smedstad KG, jt. auth.

Morley-Forster PK. Unintentional hypothermia in the operating room (continuing medical education), 516

Morris A, see Thomson IR, jt. auth.

Morrison DL, see Hope CE, jt. auth.

Moseley H, see Palkar NV, jt. auth.

Moseley HSL, Shankar KB, Krishnan A. Flow requirements for the Bain breathing circuit during anaesthesia for Caesarean section, 583

Motokawa K, see Yamashita M, it. auth.

Moudgil GC. Anaesthesia and allergic drug reactions: continuing medical education, 400

 Update on anaesthesia and the immune response (refresher course outline), S54

Mullen B, see Byrick RJ, jt. auth.

Mundy GL, see Kapsten JE, jt. auth.

Murkin JM, see Woodcock TE, jt. auth.

Murphy DA, see O'Brien DJ, jt. auth.

Nadeau S, Noble WH. Limitations of cardiac output measurements of thermodilution (brief review), 780

Naguib M, Abdullatif M, Absood GH. The optimal priming dose for atracurium, 453

- Adu-Gyamfi Y, Absood GH, Farag H, Gyasi HK.
 Epidural ketamine for postoperative analgesia, 16
- Famewo CE, Absood A. Pharmacokinetics of meperidine in spinal anaesthesia, 162
- Farag H, Ibrahim AEW. Anaesthetic considerations in Klippel-Feil syndrome (clinical report), 66
- Gyasi HK. Antiestrogenic drugs and atracurium a possible interaction? (correspondence), 682
- Gyasi HK, Abdulatif M, Absood GH. Rapid tracheal intubation with atracurium – a comparison of priming intervals, 150

- see Abdulatif M, it. auth.

Nadeau S, Noble WH. Misinterpretation of pressure measurements from the pulmonary artery catheter (review article), 352

Nadeau SG, Robblee JR. Divided doses of thiopentone attenuate heart rate changes after intubation (abst.), SR3

Nathan HJ. Nitrous oxide causes deterioration of myocardial function and blood flow during ischaemia (abst.), S99

Nigrovic V. Haemodynamic reactions to succinylcholine
– an alternative hypothesis (correspondence – reply),
253

Nemoto EM, see Haigh JD, it. auth.

Neto AR, see Lam AM, jt. auth.

Nishikawa T, Dohi S, Anzai Y. Recurrence of bronchial asthma after adrenalectomy for phaeochromocytoma (correspondence). 109

Nixon C. Endotracheal tube connector fracture – an avoidable hazard (correspondence), 251

- Magnetic resonance imaging (correspondence), 420

Noble WH, Kay JC. The effects of dobutamine, nitroprusside, or volume expansion on cardiac output and lung water after CPPV, 48

- see Nadeau S, it. auth.

Norel EJ, see Kapur PA, it. auth.

Norman EA, Sosis M. latrogenic oesophageal perforation due to tracheal or nasogastric intubation (clinical report), 222

Norrie WC, see Kapsten JE, jt. auth.

Norton JB, see Burrows FA, jt. auth.

Noseworthy W, see Johnston RG, jt. auth.

Nugent M, see Blaise G, jt. auth.

O'Brien DJ, Moffitt EA, McIntyre AJ, Imrie DD, Kinley CE, Sullivan JA, Murphy DA. Myocardial metabolism and harmodynamic responses with fentanylhalothane anaesthesia in hypertensive patients undergoing arterial surgery (abst.), \$101

 Moriarty DC, Hope CE. The effect of pre-existing beta blockade on potassium flux in patients receiving succinylcholine (abst.), S89

O'Callaghan AC, see Laishley RS, it. auth.

Ong BY, Greengrass R, Bose D, Gregory G, Palahniuk RJ. Acidemia impairs autoregulation of cerebral blood flow in newborn lambs, 5

Owen JA, see Sitar DS, it. auth.

Oxorn D, Whatley G. Further improvements in the technique of fiberoptic intubation (correspondence), 824 Paasuke RT, Davies JM. Anaesthesia for daycare patients: controversies and concerns (conference report), 644

Palahniuk RJ. Survey of obstetric anaesthesia practice in British Columbia (editorial), 123

- see Bedder MD, jt. auth.

- see Biehl, D, jt. auth.

- see Kozody R, jt. auth.

- see Ong BY, jt. auth.

Palkar NV, Moseley H. Abnormal ECG pattern during battery operation of Mennen model 741 ECG monitor (correspondence), 111

Parrott DJ, see Kozody R, jt. auth.

Passuke RT, Brownell AKW. Amide local anaesthetics and malignant hyperthermia (editorial), 126

Patel RI, see Hannallah RS, it. auth.

Pavan FJ, see Chung DC, jt. auth.

Peerless SJ, see Gelb AW, jt. auth.

Pelton DA, see Tallmeister A, jt. auth.

Pennington J, see Samson B, jt. auth.

Pinaud M, see Bernard JM, jt. auth.

Plourde G, Hardy J-F. Aspiration pneumonia: assessing the risk of regurgitation in the cat, 345

 Hardy JF, Barry PP, Tardif L. Decreasing the toxic potential of intravenous regional anaesthesia:
 Bier's block revisited (abst.), \$78

- see Hardy JF, jt. auth.

Pope WDB, see Cohen MM, jt. auth.

Porter SS, Goldberg JG. Intraoperative allergic reactions to hydroxyethyl starch: a report of two cases (clinical report), 394

Poulton TJ, see Janson BA, it. auth.

Price J. Consent for epidural anaesthesia (correspondence), 534

Pucci WR, see Bachman CR, it. auth.

- see Bedder MD, jt. auth.

Putnins CL, see Friesen RM, it. auth.

Quigley M, see Robinson RJS, it. auth.

Rabinovitch M, see Burrows FA, jt. auth.

Ralley FE, Carli F, Ramsay JG, Wynands JE. Oxygen consumption and carbon dioxide production in patients following open heart surgery (abst.), S70

 Harrison L, Wynands JE, Robbins GR, Sami MH, Ripley AR, Fullerton HA. The role of an ultrashort-acting blocker (esmolol) in patients undergoing coronary artery surgery (abst.), S98

- see Litak C, it. auth.

- Ramsay JG. Does nalbuphine reverse opioid obtuded laryngeal reflexes? (correspondence reply), 826
- Arvieux CC, Foëx P, Ryder WA, Jones LA. Global and regional myocardial effect of verapamil when added to fentanyl (abst.), \$100
- see Ansley DM, it. auth.
- see Hickey DR, it. auth.
- see Ralley FE, jt. auth.
- see Robbins R, jt. auth.

Rasch DK, Browder F, Barr M, Greer D. Anaesthesia for Treacher Collins and Pierre Robin syndromes: a report of three cases (clinical report), 364

Ravussin P, see Lenis S, jt. auth.

Rawal N. Single segment combined subarachnoid and epidural block for Caesarean section (correspondence), 254

Redko V, see Casthely PA, jt. auth.

Reid SR, Bayliff CD. The comparative efficacy of cimetidine and ranitidine in controlling gastric pH in critically ill patients, 287

Reiher J, see Lamarche Y, jt. auth.

Relton JES, see Doyle DJ, it. auth.

Resurreccion MA, see Casthely PA, jt. auth.

Ripley AR, see Litak C, jt. auth.

- see Ralley FE, jt. auth.

Robbins GR, see Ralley FE, it. auth.

Robbins R, Whalley DG, Donati F, Wynands JE, Ramsay JR. Altered pharmacokinetics of Alfentanil (abst.), S103

Robblee JR, see Nadeau SG, it. auth.

Robertson K, see McMorland GH, it. auth.

Robinson MB, see Richard JS, it. auth.

Robinson RJS, Brister S, Jones E, Quigley M. Epidural meperidine analgesia after cardiac surgery, 550

Rockoff MA, see Sethna NF, jt. auth.

Rollins M, see Amaranath L, jt. auth.

Romppainen J, see Gerber HR, jt. auth.

Rosen KR, Broadman LM. Anaesthesia for diagnostic muscle biopsy in an infant with Pompe's disease (clinical report), 790

Rosenbloon, A, see Friesen RM, it. auth.

- see Thomson IR, jt. auth.

Rosewarne FA. Anaesthesia, atracurium and Duchenne muscular dystrophy (correspondence), 250

Ross PLE, see Douglas MJ, jt. auth.

- see McMorland GH, jt. auth.

Roth S, see Coleman P, jt. auth.

Rousseau E, see Gauthier M, jt. auth.

Roussos C. Diaphragmatic fatigue and blood flow distribution in shock (refresher course outline), S61

Roy D. Antiarrhythmic drugs (refresher course outline), \$65

Roy WL, see Bissonnette B, jt. auth.

- see Blaise GA, jt. auth.

- see Laishely RS, jt. auth.

Rudolf D, see Thiagarajah S, it. auth.

Rudow M, Hill AB, Thompson NW, Finch JS. Heliumoxygen mixtures in airway obstruction due to thyroid carcinoma (clinical report), 498

Ryder WA, see Ramsay JG, it. auth.

Sabourin MA, see Sharpe RD, jt. auth.

Sadoul N, see Delva E, it. auth.

Saint-Germain JF, see Bélisle S, jt. auth.

Sale JP, see Sutherland AD, jt. auth.

Salmenperä M, see Heinonen J, jt. auth.

Sami MH, see Litak C, jt. auth.

- see Ralley FE, it. auth.

Samson B, Baxter A, Penning J. Does nalbuphine reverse opioid obtuned laryngeal reflexes? (correspondence), 825

Samson B, see Allen G, it. auth.

Sandler AN, Chovaz P, Whiting W. Respiratory depression following epidural morphine (a clinical study), 542

Savarese JJ. Clinical relaxation: current controversy (refresher course outline), S1

Schnapp M, Mays KS. Contralateral spread of local anaesthetic solutions (Correspondence), 828

Schwinn W, see Gerber HR, it. auth.

Seegobin RD, van Hasselt GL. Aspiration beyond endotracheal cuffs, 273

Seltzer JL, see Goldberg ME, it. auth.

Sethna DH, Starr NJ, Estafanous FG. Cardiovascular effects of non-depolarizing neuromuscular blockers in patients with coronary artery disease, 280

Sethna NF, Rockoff MA. Cardiac arrest following inhalation induction of anaesthesia in a child with Duchenne's muscular dystrophy (clinical report), 799

Shankar KB, see Moseley HSL, jt. auth.

Sharpe RD, Goresky GV, Sabourin MA, Ahuja B. Do epinephrine-containing solutions decrease the risk of using bupivacaine for caudal anaesthesia in children? (abst.), S114

Sheehan MM, see Tallmeister A, jt. auth.

Shepherd WFI, see Lavery GG, jt. auth.

Shustack A, see Johnston RG, jt. auth.

Sill JC, see Blaise G, it. auth.

Sitar DS, Duke PC, Owne JA, Berger L, Mitenko PA.
Kinetic disposition of morphine in young males
after intravenous loading and maintenance infusions,
145

- see Bachman CR, jt. auth.

Skala R, see Liberman BA, it. auth.

Skinner MI, see Moote CA, jt. auth.

Smedstad KG, Morrison DH. A comparative study of continuous and intermittent epidural analgesia for labour and delivery (abst.), S71

Smelt WLH, de Lange JJ, Booij LHDJ. Capnography and air embolism (correspondence), 113

Smith D, see Eustis S, jt. auth.

Soliman IE, see Hannallah RS, jt. auth.

Sosis M, see Norman EA, jt. auth.

Souron R, see Bernard JM, jt. auth.

Stanley TH, see Wang JM, jt. auth.

Starr NJ, see Sethna DH, jt. auth.

Steinberg GK, see Lam AM, it. auth.

Stirt JA, see Johns RA, jt. auth.

- see Minton MD, jt. auth.

Sugimori T. Shortened action of succinylcholine in individuals with cholinestrase C₅ isozyme, 321

Sullivan JA, see O'Brien DJ, jt. auth.

Suomivuori M, see Heinonen J, it. auth.

Sutherland AD, Sale JP. Fibreoptic awake intubation – a method of topical anaesthesia and orotracheal intubation (clinical report), 502

Symons NL. Capnography and air embolism (correspondence – reply), 115

Szyfelbein SK, see Coté CJ, jt. auth.

Tallmeister A, Sheehan MM, Pelton Da. Dental anaesthesia for a child with complete amelia (clinical report), 484

Tardif L, see Ploudre G, jt. auth.

Telzlaff JE, Gellman MD. Anaphylactoid reaction to atracurium (clinical report), 647

Tétreault L, see Goudreau M, jt. auth.

Thiagarajah S, Azar I, Lear E, Rudolf D. Effect of diltiazem-induced hypotension on normal and increased intracranial pressure of cats, 578

Thompson NW, see Rudow M, jt. auth.

Thomson IR, Cannon JE, Morris A, Rosenbloom M. Electrocardiographic ST-segment elevation following myocardial reperfusion (abst.), S102

 Hudson RJ, Torchia M, Rosenbloom M. Serum catecholamine responses to anaesthetic induction with fentanyl and sufentanil (abst.), \$69

- see Friesen RM, it. auth.

Tiret L, Desmonts JM, Hatton F, Vourc'h G. Complications associated with anaesthesia – a prospective survey in France, 336

Torchia M, see Thomson IR, it. auth.

Tremblay N, see Maillé J-G, jt. auth.

Tremper KK, Anderson S, Barker SJ. Relationship of transcutaneous PO₂ to arterial PO₂ (correspondence), 108

Trop D, see Katz JM, jt. auth.

- see Labrecque P, jt. auth.

- see Lenis S, jt. auth.

Turnbull KW, see Boulton AJ, jt. auth.

- see Malm DN, jt. auth.

Tweed WA, see Woodstock TE, jt. auth.

Tyler J, see Labrecque P, jt. auth.

Vaillancourt G, see Blanc VF, jt. auth.

Valle RF, see Dykes MHM, it. auth.

Vanker E, see McGillivray RG, it. auth.

van Hasselt GL, see Seegobin RD, it. auth.

Vanhoutte PM, see Blaise G, jt. auth.

Vatashsky E, Haskel Y. Effect of nalbuphine on intrabiliary pressure in the early postoperative period, 433

Veillieux LJ, see Kitts JB, jt. auth.

Venkateswaran V. Flexion deformity of metacarpophangeal joint following extravasation of thiopentone (correspondence), 827

Vourc'h G, see Tiret L, jt. auth.

Waddell JP, see Byrick RJ, jt. auth.

Wade JG, see Kozody R, jt. auth.

- see Mensink FJ, jt. auth.

Walsh CM, see Donati F, jt. auth.

Wang JM, Stanley TH. Duchenne muscular dystrophy and malignant hyperthermia – two case reports (clinical report), 492

Weeks SK, see McCarroll SM, jt. auth.

Weiler RL, see Ha HC, jt. auth.

Welch JP, see Coté CJ, it. auth.

Westra PJ, see Milne B, jt. auth.

Whalley DG, see Robbins R, jt. auth.

Whatley G, see Oxorn D, jt. auth.

Whiting W, see Sandler AN, jt. auth.

Wilson N, see Boulton AJ, jt. auth.

Wilton NCT, Burn JMB. Delayed vomiting after papavaretum in paediatric outpatient surgery, 741

Wolkenstein C, see Cohen MM, jt. auth.

Woodcock TE, Murkin JM, Farrar JK, Tweed WA, Guiraudon G, McKenzie FN. Isoflurane augments the hypothermia-induced reduction of cerebral metabolic rate during cardiopulmonary bypass (abst.), S82

Wright J, see Freedman J, jt. auth.

Writer WDR. Anaesthetic considerations in high-risk pregnancy (refresher course outline), S16

Fox GS, Hurtig JB. Epidural morphine for postoperative analgesia (correspondence – reply), 116

Wynands JE, see Ansley D, jt. auth.

- see Hickey DR, jt. auth.
- see Ralley FE, jt. auth.
- see Robbins R, jt. auth.

Yamashita M, Motokawa K, Hirano T. Ketamine induction for a patient with hyperinsulinism treated with oral diazoxide (correspondence), 685

Yarnell R, see Friesen C, jt. auth.

Yeager MP, Coombs DW, Dodge CP, Maloney LL. Effect of cimetidine on biotransformation of enflurane in man, 466

Yip RW, see Boulton AJ, jt. auth.

Zsigmond EK, see Barabas E, jt. auth.

Canadian Anaesthetists' Society Journal

Index of Subjects

VOLUME 33, 1986

Achondroplastic dwarf, see Genetic factors

Acid-base equilibrium, acidemia impairs autoregulation of cerebral blood flow in new born lambs (Ong et al.), 5

Acidemia, see Acid-base equilibrium

Adrenoceptor agonists

- clonidine, dose response relationships of, in tetracaine spinal anaesthesia: abst. (Mensink et al.), \$85
- clonidine, prolongs canine tetracaine spinal anaesthesia (Bedder et al.), 591

Age factors, general and spinal anaesthesia in elderly: abst. (Chung and Meier), S118

AIDS, see Immune system

Air embolism, see Embolism

Airway, obstruction, intraoperative in children, diagnosed by expired carbon dioxide monitoring (Coté et al.), 315

Allergic reactions, see Complications

Allergy, fentanyl anaphylaxis, during anaesthesia: clinical report (Bennett et al.), 75

Alphaprodine, see Analgesics

Amiodarone, see Sympathetic nervous system Anaesthesia

- and the immune response, up-date: refresher course outline (Moudgil), S54
- cardiovascular, perioperative management of children with pulmonary hypertension: review article (Burrows et al.), 606
- femoral nerve block, for diagnostic muscle biopsy in an infant with Pompe's disease: clinical report (Rosen and Broadman), 790
- dental
 - cyanosis of hands following use of alphaprodine in: clinical report (Fuller), 213
 - in children with complete amelia: clinical report (Tallmeister, Sheehan and Pelton), 484
- effect on renal function, S11
- general, aspiration pneumonia: assessing the risk of regur. 345
- management of surgical patient: correspondence (Hardy, Guay and Baillargeon), 256

- myocardial infarction and: continuing medical education (Maillé et al.), 808
- obstetric
 - Caesarean section
 - epidural, effect of epinephrine on epidural morphine-induced pruritis (Douglas et al.), 737
 - epidural, warming intravenous fluids and incidence of shivering during: abst. (McCarroll et al.), S72
 - flow requirements for the Bain breathing circuit, during (Moseley, Shankar and Kirshnan), 583
 - open drop ether anaesthesia for, in Nepal: clinical report (Maltby, Malla and Dangol), 651
 - single segment combined subarachnoid and epidural block for: correspondence (Rawal), 254
 - continuing medical education (Biehl and Palahniuk), 238
 - complicated by amniotic fluid embolism: clinical report (Mainprize and Maltby), 382
 - effect of lidocaine on regional blood flows and cardiac output in stressed and non-stressed foetal lamb (Friesen et al.), 130
 - epidural, continuous and intermittent analgesia compared: abst. (Smedstad and Morison), S71
 - epidural, effect of pH-adjustment of bupivacaine on onset and duration of (McMorland et al.), 537
 - in high risk pregnancy: refresher course outline (Writer), \$16
 - management of malignant hyperthermia susceptible parturient: clinical research (Douglas and McMorland), 371
 - survey of, in British Columbia (McMorland, Jenkins and Douglas), 185
 - survey of practice in British Columbia: editorial (Palahniuk), 123
- monitoring equipment selection: continuing medical education (Hope and Morrison), 670
- ophthalmic, intraocular pressure physiology and implications for: review article (Cunningham and Barry), 195

- outcome after: editorial (Davies), 265
- outpatient, for day-care patients: conference report,
 645
- paediatric
 - bupivicaine for outpatient surgery: abst. (Kapsten et al.), \$114
 - bupivicaine for, value of epinephrine-containing solution to decrease risk: abst. (Sharpe et al.), \$114
 - cardiovascular, perioperative management of children with pulmonary hypertension: review article (Burrows et al.), 606
 - d-tubocurarine priming in: abst. (Baxter et al.), S86
 - Duchenne muscular dystrophy and malignant hyperthermia: clinical report (Wang and Stanley), 492
 - end-tidal gas sampling and arterial values of PCO₂ compared, to assess usefulness of end-tidal gas sampling in: abst. (Bissonnette and Lerman), S76
 - for diagnostic muscle biopsy in infant with Pompe's disease (Rosen and Broadman), 790
 - for the achondroplastic dwarf: clinical report (Mayhew et al.), 216
 - in a child with dermatomyositis: clinical report (Johns, Finholt and Stirt), 71
 - in Klippel-Feil syndrome: clinical report (Naguib, Farag and Ibrahim), 66
 - induction of, effects of dose and concentration of rectal methohexitone for (Laishley, O'Callaghan and Lerman), 427
 - intraoperative events diagnosed by expired carbon dioxide monitoring during (Coté et al.), 315
 - nausea and vomiting after strabismus surgery in preschool children (Hardy et al.), 57
 - neuromuscular blockade for rapid tracheal intubation: succinylcholine and pancuronium compared (Cunliff et al.), 760
 - newborn, pharmacological considerations: refresher course outline (Cook), \$38
 - nitrous oxide, negative pressure in the middle ear after (Blackstock and Gettes), 32
 - oxygen need in, correlated with recovery scores:
 abst. (Hannallah et al.), S111
 - spinal for minor surgery: clinical report (Blaise and Roy), 227
 - succinylcholine, fasciculations and myoglobinaemia in (Blanc, Vaillancourt and Brisson), 178
- see also: Anaesthetic techniques, Anaesthetics, Complications, Equipment, Induction, Records, Recovery, Surgery

Anaesthesiologists, prevalence of hepatitis in (Malm et al.), 167

Anaesthetic techniques

- epidural
 - consent for: correspondence (Price), 534
 - for Caesarean section, warming intravenous fluids and incidence of shivering: abst. (McCarroll), S72
 - for labour and delivery: abst. (Smedstad and Morison), S71
 - for total hip replacement in patient with dilated cardiomyopathy: clinical report (Amaranath et al.),
 84
 - in pre-eclampsia, S19
 - ketamine for postoperative analgesia (Naguib et al.), 16
 - morphine and sleep apnoea syndrome: clinical report (Lamarche et al.), 231
 - respiratory depression following (Sandler, Chovaz and Whiting), 542
- fiberoptic awake intubation, a method of topical anaesthesia and orotracheal intubation: clinical report (Sutherland and Sate), 502
- for thoracic surgery: recent advances: refresher course outline (Benumof), \$28
- hypotension induced
 - diltiazem and nitroprusside compared during fentanyl anaesthesia for total hip arthroplasty (Bernard et al.), 308
 - nitroprusside and diltiazem compared during fentanyl anaesthesia for total hip arthroplasty (Bernard et al.), 308
 - nitroprusside and isoflurane induced, blood pressure measurements at radial and dorsalis pedis artery compared: abst. (Lenis et al.), \$116
 - isoflurane induced, effect on catecholamines: abst.
 (Macnab et al.), S109
- hypothermia-induced reduction of cerebral metabolic rate during cardiopulmonary bypass, further reduction by use of isoflurane: abst. (Woodcock et al.), \$82
- induction of anaesthesia, rapid sequence and elective compared, effect on left ventricular ejection fracturing during (Chraemmer-Jørgensen), 754
- one-lung endobronchial ventilation in thoracic anaesthesia, perioperative transcutaneous oxygen monitoring (Chubra-Smith, Grant and Jenkins), 745
- rapid sequence induction and steady state, effect of atracurium and succinylcholine compared on intraocular pressure during (Lavery et al.), 437

- regional

- block, Bier's, technique for decreasing the toxic potential of intravenous local anaesthetic agent: abst. (Plourde et al.), S78
- blockade
 - deep pancuronium, neostigmine, edorphonium and pyridostigmine as antagonists of: abst.
 (Lahoud et al.), S88
 - epidural and subarachnoid combined for Caesarean section: correspondence (Rawal), 254
 - neuromuscular
 - priming technique: refresher course outline (Savarese), S1
 - prolonged with atracurium: clinical report (Bizzarri-Schmid and Desai), 209; correspondence (Naguib and Syasi), 682; correspondence – reply (Bizarri-Schmid and Desai), 684
 - onset of pancuronium and d-tubocurarine blockade with priming (Donati et al.), 571
 - potentiation of atracurium by pancuronium and d-tubocurarine (Gerber, Romppainen and Schwinn), 563
 - residual non-depolarizing, effects of succinylcholine on: abst. (Kitts et al.), S75

- spinal

- for minor paediatric surgery: clinical report (Blasie and Roy), 227
- or general in the elderly: abst. (Chung and Meier), S118
- pharmacokinetics of meperidine in (Naguib, Famewo and Absord), 162
- tetracaine, dose-response relationship of clonidine in prolonging: abst. (Mensink et al.), S85
- tetracaine, clonidine prolongs canine (Bedder et al.), 591
- stellate ganglion block, contralateral Horner's syndrome following: correspondence (Allen and Samson), 112; (Schnapp and Mays), 828: reply (Allen and Samson), 829
- subarachnoid block, clonidine in spinal tetracaine anaesthesia (Bedder et al.), 591
- two-lung endotracheal ventilation (Chubra-Smith, Grant and Jenkins), 745

Anaesthetics, drugs inducing allergic reactions, 406: see also names of specific drugs; drugs

Anaesthetics, gases

- nitrous oxide
 - causes deterioration of myocardial function and blood flow during ischaemia: abst. (Nathan), S99

- effect on cerebral blood volume in the dog: abst.
 (Labrecque et al.), \$79
- in children, negative pressure in the middle ear after (Blackstock and Gettes), 32

Anaesthetics, Intravenous

- alfentanil, altered pharmacokinetics of: abst. (Robbins et al.), S103
- diprivan versus thiopentone for outpatient surgery: abst. (Johnston et al.), S106
- droperidol
 - incidence of nausea and vomiting after use, following strabismus surgery in preschool children (Hardy et al.), 57
 - pretreatment in children undergoing strabismus repair: abst. (Eustis et al.), S115
- fentanyl
 - anaesthetic induction with, serum cathecholamine responses to: abst. (Thomson et al.), \$69
 - anaphylactoid reaction to: correspondence (Fukuda and Dohi), 826
 - cardiovascular effects in coronary patients also given neuromuscular relaxants (Sethna, Starr and Estafanous), 280
 - effect on canine coronary arterial smooth muscle: abst. (Blaise et al.), S104
 - for abdominal aortic surgery (Friesen et al.), 719
 - for total hip arthroplasty: hypotensive action of diltiazen and nitroprusside compared during (Bernard), 308
 - global and regional, myocardial effect of verapamil when added to: abst. (Ramsay et al.), \$100
 - haemodynamic effects of verapamil administered after large doses of (Kapur et al.), 138
 - high dose, role of pancuronium, vecuronium and atracurium on haemodynamic responses to (Heinonen, Salmenpera and Suomivuori), 597
 - halothane, in hypertensive patients undergoing coronary artery surgery, myocardial metabolism and hermodynamic responses with: abst. (O'Brien et al.), \$101
 - in newborn, S39
 - oxygen versus fentanyl-N₂O oxygen, in children undergoing cardiac surgery (Crean et al.), 36
- ketamine
 - cardiovascular and respiratory effects of, in the neonatal lamb (Burrown, Norton and Fewel), 10
 - epidural, for postoperative analgesia (Naguib et al.), 16
 - for diagnostic muscle biopsy in infant with Pom-

- pe's disease: clinical report (Rosen and Broadman), 790
- in newborn, S39
- induction for a patient with hyperinsulinism treated with oral diazoxide: correspondence (Yamishita, Motokawa and Hirano), 685

- methohexitone

- rectal, administration of 2% or 10%, plasma levels and mucosal damage following: abst. (Forbes et al.), \$107
- rectal, effects of dose concentrations for in luction of anaesthesia in children (Laishley, O'Callaghan and Lerman), 427

- sufentanil

- induction of anaesthesia with, serum catecholamine responses to: abst. (Thomson et al.), \$69
- with pancuronium for CABG, (coronary artery bypass graft) incidence of pre-bypass ischaemia during; abst. (Litak et al.), S97

- thiopentone

- divided doses of, attenuates heart rate changes during intubation: abst. (Nadeau and Robblee), S83
- does not protect against prolonged focal cerebral ischaemia (Gelb et al.), 173
- flexion deformity of metacarpophalangeal joint following: correspondence (Venkateswaran), 827
- versus diprivan for out-patient surgery: abst. (Johnston et al.), \$106

Anaesthetics, Local

- amide local anaesthetics and malignant hyperthermia: editorial (Paashuke and Brownell), 126
- bupivicaine
 - effect of pH-adjustment of, on onset and duration of epidural analgesia in parturients (McMorland), 537
 - in minor paediatric surgery: clinical report (Blaise and Roy), 227
 - optimum concentration, for caudal analgesia in outpatient surgery in children: abst. (Kapsten et al.), S114
 - risk reduction in caudal anaesthesia in children, effect of epinephrine-containing solution on: abst. (Sharpe et al.), \$114
- contralateral spread of solutions: correspondence (Schnapp and Mays), 828; reply (Allen and Samson), 829

- lidocaine

 effect on regional blood flow and cardiac output in the non-stressed and stressed foetal lamb (Friesen et al.), 130

- protective effect of dosage in focal cerebral ischaemia: abst. (Lam et al.), \$93
- meperidine, in spinal anaesthesia, phaemacokinetics of (Naguib, Famewo and Absood), 162
- recent advances: Refresher course outline (Covino),
 S5

tetracaine

- in minor paediatric surgery: clinical report (Blaise and Roy), 227
- prolongs canine spinal anaesthesia (Bedder et al.),
 591
- spinal anaesthesia, dose-response relationship of clonidine in prolonging: abst. (Mensink et al.), \$85

Anaesthetics, Volatile

- combinations, effects studied at a cellular level, using an isolated neuron preparation: abst. (Coleman and Roth), S108
- diethylether for Caesarean section in Nepal: clinical report (Maltby, Malla and Dangol), 651

halothane

- and innovar, influence on brain oedema formation:
 abst. (Fuller et al.), \$110
- and isoflurane compared, effect on myocardial ischaemia/reperfusion injury (Dolman and Godin), 443

isoflurane

- augments the hypothermia-reduced reduction of cerebral metabolic rate during cardiopulmonary bypass: abst. (Woodcock et al.), S82
- effect on cerebral blood volume in the dog: abst.
 (Labrecque et al.), S79
- halothane, comparative effects on myocardial ischameic/refusion injury (Dolman and Godin), 443
- monitoring of somatosensory-evoked potentials during: abst. (Brown et al.), \$80
- potency and cardiovascular effects during short exposures in the foetal lamb (Bachman et al.), 41

Analgesia

post-operative, epidural ketamine for (Naguib et al.),
 16

Analgesics

- alfentanil, haemodynamic and plasma vasopressin responses during (Boulton et al.), 475
- alphaprodine in dental anaesthesia, cyanosis of hands following: clinical report (Fuller), 213
- atracurium, anaesthesia and Duchenne muscular dystrophy: correspondence (Rosenwarne), 250
- fentanyl: anaphylactic reaction to, during anaesthesia: clinical report (Bennett et al.), 75

- meperidine, epidural, after cardiac surgery (Robinson et al.), 550
- morphine
 - epidural and sleep apnoea syndrome: clinical report (Lamarche et al.), 231
 - epidural, for postoperative: correspondence (McMorland and Douglas), 115; reply (Writer, Fox and Hurtig), 116
 - respiratory depression following (Sandler, Chovaz and Whiting), 542
 - kinetic disposition of, in young males after intravenous loading and maintenance infusion (Sitar et al.), 145
- nalbuphine, effect of, on intrabiliary pressure in the early post-operative period (Vatashkey and Haskel), 433
- opium, vomiting, delayed after papavaretum in paediatric outpatient surgery (Wilton and Burn), 741
- sufentanil, haemodynamic and plasma vasopressin responses during (Boulton et al.), 475
- Antagonists, Narcotic: nalbuphine, does it reverse opioid obtuned laryngeal reflexes?: correspondence (Samson et al.), 825: reply (Ramsay), 826

Antagonists, Neuromuscular

- edrophonium
 - neostigmine, pyridostigmine, and plasma cholinesterase activity (Mirakhur), 588
 - neostigmine, pyridostigmine, as antagonists of deep pancuronium blockade: abst. (Lahoud et al.), \$88
 - neostigmine, pyridostigmine, dose response relationships for, as antagonists of pancuronium and d-tubocurarine: abst. (Donati et al.), S87
 - divided doses of, to accelerate reversal of atracurium blockade (Abdulatif and Naguib), 723

Antiarrhythmics, see Heart, Arrhythmias

Aorta, see Arteries

Arterial/alveolar oxygen tension ratio (a APO₂ pulmonary shunt, influence on (Doyle), 471

Arteries

- Aorta
 - cross-clamping for thoraco-abdominal surgery, haemodynamic and metabolic changes after: abst. (Bertram et al.), S68
 - effect of thoracic aortic occlusion on canine cerebral circulation: abst. (Kozody et al.), S95
- radial and dorsalis pedis, measurement of blood pressure at, during nitroprusside and isoflurane hypotension: abst. (Lenis et al.), S116

Arthroplasty, see Surgery, Orthopaedic Aspiration, see Complications

Asthma, see Complications, bronchial; Lung Ataractics, phenothiazines, chlorpromazine (vasodilator therapy), in perioperative period: review article (Fyman *et al.*), 639

Atracurium, see Neuromuscular relaxants

Beta blockers, see Sympathetic nervous system Biochemistry

- ionic compositional changes, effects of anaesthetic on influencing extent of myocardial injury (Dolman and Godin), 443
- subcellular enzyme alteration, effects of anaesthetic on influencing the extent of muocardial injury (Dolman and Godin), 443

Biotransformation, enflurane, effect of cimetidine on (Yeager et al.), 466

Block, nerve, see Anaesthetic techniques, regional Blood

- blood group antibodies, use of, in transfusion practice (Freedman, Lim and Wright)
- flow
- diaphragmatic fatigue and, distribution in shock: refresher course outline (Roussos), S61
- during ischaemia, nitrous oxide causes deterioration of: abst. (Nathan), S99
- haemodynamic effects of high-dose mannitol: abst.
 (Brown et al.), S92
- loss, in operating room: correspondence (Ha and Weiler), 685
- plasma levels and mucosal damage following rectal administration of 2% or 10% methohexitone in rats: abst. (Forbes et al.), \$107
- pressure
 - diazoxide, oral, in treatment of hyperinsulism, ketamine induction in a patient using: correspondence (Yamishita, Motokawa and Hirano), 685
 - drug effects, calcium channel blockers, diltiazen, sodium nitroprusside (Bernard et al.), 308
 - drug effects, vasopressin responses during fentanyl or sufentanil anaesthesia (Boulton et al.), 475
 - effect of rapid-sequence induction of anaesthesia versus elective induction on (Chraemmer-Jørgensen et al.), 755
- increase in, during tracheal intubation using thiopentone and succinylcholine, esmolol for control of (Liu et al.), 556
- measurement techniques at radial and dorsalis pedis arteries compared during nitroprusside and isoflurane induced hypotension: abst. (Lenis et al.), S116

- serum potassium following succinylcholine in patients with brain tumours (Minton, Stirt and Bedford),
 328
- supply, see Transfusion
- transfusion, see Transfusion

Book Reviews

- Advances in pain research and therapy, Vol. 9, by HL Fields, R Dubner, F Cernero (Wyant), 416
- Aids to anaesthesia, 2nd ed. by MJ Harrison, TEJ Hall and JA Thornton (1) Basic Sciences, (2) Clinical Practice (Reimer), 107
- Anaesthesia: essays on its history, edited by J Rupreht et al. (Maltby), 530
- Anaesthesia, 2nd ed, edited by RD Miller (Palahniuk), 529
- Anesthesia in obstretrics. Maternal, fetal and neonatal aspects, 2nd ed, by GA Albright et al. (Douglas), 680
- Anesthésis loco-régionale, by L Lecron (Martin), 681
- Anaesthetic management: a rule-based guide, by MJ Harrison, RM Jones and BJ Pollard (Mezon), 531
- Care of the postoperative surgical patient, by JAR Smith and J Watkins (Ali), 106
- Classical anaesthesia files, by DM Little, Jr. (Maltby), 417
- Current topics in anesthesia series, Neonatal anaesthesia and perioperative care, 2nd ed. by DJ
 Hatch and E Summer (Bevan), 822
- Decision making in critical care, by H Don (Roberts),
- Difficulties in tracheal intubation, ed. by IP Latto and M Rosen (Poon), 680
- Disorders of fluid and electrolyte balance: Diagnosis and management, edited by JB Puschett (Leighton), 822
- Effects of anesthesia, ed. by BG Covino, HA Fozzard, RG Strichartz (McIntyre), 246
- Gas mixing and distribution in the lung, ed. by LA Engel and M Paiva (Breen), 106
- Goodman and Gilman's "The pharmacological basis of therapeutics," ed. by AG Gilman, LS Goodman, TW Rall (Carmichael), 248
- Handbook of physiology the respiratory system:
 Circulation and nonrespiratory functions, ed. by
 AP Fishman and AB Fisher (Breen), 823
- Intensive care manual, 2nd ed. by TH Oh (Byrick), 107
- Obstetric anaesthesia and analgesia, by DD Moir and J Thorburn (Swartz), 821

- Obstetric analgesia and anaesthesia, 2nd ed., by JS Crawford (Halpern), 246
- Major issues in critical care medicine, ed. by JE Parillo, SM Ayres (Lee), 680
- Manual of regional anaesthesia: techniques and clinical applications, by H Carron, GA Horbon, JS
 Wowlingson (Houle), 247
- Microcomputers in critical care: a practical approach, by JM Dean and FVM Booth (Craven),
 531
- Monitoring in anesthesia and critical care medicine,
 ed. by CD Blitt (Friesen), 416
- Muscle relaxants. Basic and clinical aspects, ed. by RL Katz (Donati), 821
- Pain. International perspectives in physical therapy, ed. TH Michel (Catchlove), 248
- Perioperative cardiac dysfunction, vol. III, ed. by JR Utley (McLean), 530
- Précis d'anesthésie loco-régionale, ed. by P. Gauthier-Lafaye (Trop), 246
- A practice of anesthesia for infants and children, ed.
 by FJ Ryan et al. (Creighton), 529
- A primer of water, electrolyte and acid-base syndromes, ed. by E Goldberger (Leighton), 681
- Pulmonary function testing indication and interpretations: a project of the California Thoracic Society, ed. by AF Wilson (McCarthy), 418
- Pulmonary function testing: principles and practice, by SA Conrad, GT Kinasewitz, RB George (McCarthy), 417
- Textbook of anaesthesia, ed. by G Smith and AR Aitkenhead (Nugent), 106

Brain

- cerebral and intracranial perfusion pressures, effect of high frequence versus conventional mechanical ventilation on: abst. (Bellefleur et al.), S94
- cerebral blood flow, effect of lidocaine on, in nonstressed and stressed foetal lamb (Friesen et al.),
 130
- cerebral blood flow in newborn lambs, acidemia impairs autoregulation of (Ong et al.), 5
- cerebral blood volume in the dog, effect of isoflurane or nitrous oxide on: abst. (Labrecque et al.), \$79
- cerebral circulation, effect of thoracic aortic occlusion on, in dog: abst. (Kozody et al.), \$95
- cerebral ischaemia, focal effect of lidocaine on: abst.
 (Lam et al.), S93
- evoked potentials, monitoring of, during isoflurane and isoflurane – nitrous-oxide anaesthesia: abst.
 (Brown et al.), S80

- infarction, prophylactic bolus of thiopentone does not protect against prolonged focal cerebral ischaemia (Gelb et al.), 173
- intracranial hypertension in monkeys, effect of atracurium and succinylcholine on intracranial pressure in (Haigh et al.), 421
- intracranial pressure
 - effect of mannitol-induced haemodynamic responses on: abst. (Katz et al.), S81
 - in cats, effect of diltiazem-induced hypotension on normal and increased (Thiagarajah), 579
 - in monkeys with intracranial hypertension, effect of succinylcholine and atracurium on (Haigh et al.), 421
- intracranial tumours, serum potassium following succinylcholine in patients with (Minton, Stirt and Bedford), 328
- oedema, influence of halothane and innovar on: abst.
 (Fuller et al.), \$110

Breathing system, see Equipment, circuits Bretylium, see Sympathetic nervous system Bupivicaine, see Anaesthetics, Local

CPR, see Ventilation, artificial Calcium entry blockers

- in treatment of cardiac dysfunction in perioperative period: review article (Fyman et al.), 636
- verapamil, anti-arrhythmic effects, S67
- verapamil, global and regional, myocardial effect of when added to fentanyl: abst. (Ramsay et al.), \$100

Canadian Anaesthetists' Society, see Organizations Cannulation, see Veins

Carbon dioxide

- measurement
 - expired, in children, intraoperative events diagnosed by (Coté et al.), 315
 - tension in children, intraoperative events diagnosed by (Coté et al.), 315
- production, following heart surgery: abst. (Ralley et al.), S70
- tension, increasing during emergence: abst. (Lim and Chung), S77

Cardiac, see Heart, Surgery

Cardiac arrest, see Complications, arrest

Cardiac output, see Heart

Cardiovascular agents, see Heart

Cardiovascular system, see Heart

Catecholamines, see Sympathetic nervous system

Catheters, see Equipment

Cerebral, see Brain

Cerebrospinal fluid, osmolality in neurosurgical patient, effect of high-dose mannitol on: abst. (Manninen et al.), S91

Cholinesterase, see Enzymes

Cimetidine, see Gastrointestinal tract; Histamine-2receptor antagonists

Clonidine, see Adrenoceptor agonists Complications

- air embolism, during liver resection: clinical report (Delva et al.), 488
 - airway
 - abscess, airway management by awake fiberoptic intubation: clinical report (Sutherland and Sale), 502
 - obstruction, associated with Treacher Collins and Pierre Robin syndromes: clinical report (Rasch et al.), 364
 - obstruction, due to thyroid carcinoma, helium oxygen mixtures in: clinical report (Rudow et al.), 498
- allergic drug reaction during anaesthesia: continuing medical education (Moudgil), 400
- allergic reaction to hydroxyethyl starch: clinical report (Porter and Goldberg), 394
- amniotic fluid embolism: clinical report (Mainprize and Maltby), 382
- anaesthetic, due to anaesthesia, in France (Tiret et al.). 336
- anaphylactoid reaction to atracurium: clinical report (Tetzlaff and Gellman), 647
- anaphylactoid reaction to fentanyl: correspondence or preservative: correspondence (Fukeda and Dohi),
 826
- arrest, cardiac
 - complicating anaesthesia in children with Duchenne muscular dystrophy: clinical report (Wang and Stanley), 492
 - following inhalation induction of anaesthesia in a child with Duchenne muscular dystrophy (Sethna and Rockoff), 799
- aspiration
 - around endotracheal tubes, value of PEEP to reduce incidence of (Janson and Poulton), 157
 - beyond endotracheal cuffs (Seegobin and Van Hasselt). 273
 - effect of cometidine and ranitidine with and without metoclopramide for, in morbidly obese patients (Lam), 773

- pneumonitis and coma an unusual presentation of dystrophica myotonia (Hannon et al.), 803
- pneumonitis: assessing risk of regurgitation in the cat (Plourde and Hardy), 345
- pneumonitis, prophylaxis for: refresher course outline (McCammon), S47
- bronchial asthma, after adrenalectomy for phaeochromocytoma: correspondence (Nishikawa et al.), 109
- cardiac arrhythmias during general anaesthesia in a seven year-old patient with mitral valve prolapse (Casthely et al.), 795
- consequence versus subsequence: outcome after anaesthesia: editorial (Davies), 265
- cor pulmonale
 - associated with Treacher Collins and Pierre Robin syndromes: clinical report (Rasch et al.), 364
 - problems for the anaesthetists in cases of Treacher Collins and Pierre Robin syndromes: clinical report (Rasch et al.), 364
- cyanosis of the hands following alphaprodine in dental anaesthesia: clinical report (Fuller), 213
- dermatomyositis, anaesthetic management of a child with: clinical report (Johns, Finholt and Stirt), 71
- diabetes in pregnancy, anaesthetic management of, S21
- Duchenne's muscular dystrophy
 - anaesthesia, atracurium and: correspondence (Rosenwarne), 250
 - cardiac arrest following inhalation induction of anaesthesia in a child with (Sethna and Rockoff),
- fistula, tracheoesophageal repair, transcutaneous oxygen monitoring during: clinical report (Bautista, Kuwahara and Henderson), 505
- Freeman-Sheldon, syndrome, anaesthetic implications of: clinical report (Laishley and Roy), 388
- haemodynamic reactions to succinylcholine: correspondence (Baraka), 252: reply (Nigrovic), 253
- Horner's syndrome following stellate ganglion block: correspondence (Allen and Samson), 112
- hydropneumothorax following lung lavage: clinical report (Hudes, Bradley and Brebner), 662
- hyperinsulinism treated with diazoxide, ketamine induction for: correspondence (Yamashita, Motokawa and Hirano), 685
- hyperkalaemia
 - complicating anaesthesia in children with Duchenne muscular dystrophy: clinical report (Wang and Stanley), 492

- following intravenous hydrazine and propranolol therapy, post-embolectomy: clinical report (Hickey et al.), 379
- hypertension
 - during high dose fentanyl and sufentanil (Boulton et al.), 475
 - during tracheal intubation, esmolol for control (Liu et al.), 556
 - in patients undergoing coronary artery surgery, role of fentanyl-halothane anaesthesia in management of: abst. (O'Brien et al.), \$101
 - pulmonary, in children, perioperative management: review article (Burrows et al.), 606
- hypotension, anaphylactic reaction during anaesthesia associated with positive intradermal skin test to fentanyl: clinical report (Bennett et al.), 75
- iatrogenic rupture of the oesophagus: clinical report (Norman and Sosis), 222
- intraoperative, diagnosed by expired carbon dioxide monitoring in children (Cote et al.), 315
- Kippel-Feil syndrome, anaesthetic considerations in: clinical report (Naguib, Farag and Ibrahim), 66
- metacarpopharangeal joint deformity following extravasation of thiopentone: correspondence (Venkateswaran), 827
- Obesity
 - abdominal surgery in: sleep-related hypoxaemia: abst. (Moote), \$105
 - acid aspiration prophylaxis in: abst. (Lam et al.), S110
 - effects of cimetidine and ranitidine with and without metoclopramide on gastric volume and pH in cases of (Lam et al.), 773
- oesophageal perforation due to nasogastric and tracheal intubation: clinical report (Norman and Sosis),
 222
- Pierre Robin syndrome, anaesthesia for: clinical report (Rasch et al.), 364
- postoperative anaesthetic, survey of 112,000 anaesthetics at one teaching hospital (Cohen et al.), 22;
 correspondence (Lunn), 533; reply (Cohen et al.),
 533
- pre-eclampsia, anaesthetic considerations in cases of: refresher course outline (Writer), S12
- preoperative anaemia in Nepal, anaesthetic considerations for Caesarean section: clinical report (Malla and Dangol), 65
- pruritus, epidural morphine-induced, effect of epinephrine in local anaesthetic on (Douglas et al.),
 737

- pulmonary embolism, anaesthetic technique for transvenous pulmonary embolectomy: clinical report (Goldberg et al.), 79
- respiratory despression following epidural morphine (Sandler, Chovaz and Whiting), 542
- rhabdomyolytic renal failure due to succinylcholine, prophylaxis of (Blanc, Vaillancourt and Brisson), 178
- sleep apnoea syndrome and epidural morphine: clinical report (Lamarche et al.), 231
- tachycardia during tracheal intubation, esmolol for control (Liu et al.), 556
- Treacher Collins syndrome, anaesthesia for: clinical report (Rasch et al.), 364
- venous perforation due to percutaneous central venous cannulation: correspondence (Barra, Dru and Freffe), 255

Congenital anomalies, see Genetic factors Cyanosis, see Complications

Dantrolene, see Hyperthermia
Dental anaesthesia, see Anaesthesia, Dental
Diabetes, see Complications
Diagnosis, magnetic resonance imaging: correspon-

dence (Nixon), 426 Diazoxide, see Blood Pressure

Diltiazem, see under Anaesthetic techniques, hypotension induced

Diprivan, see Anaesthetics, intravenous
Disopyramide, see Heart, arrhythmias
Dobutamine, see Sympathetic nervous system
Drugs: see also Analgesics, Anaesthetics, Interactions,
Pharmacology

- interactions
 - cimetidine, effect on biotransformation of enflurane in man (Yeager et al.), 466
 - pancuronium and d-tubocurarine priming, effect on blockade onset (Donati et al.), 571
- prophylaxis of aspiration pneumonitie: refresher course outline (McCammon), S47

D-tubocurarine, see Neuromuscular relaxants Duchenne muscular dystrophy, see Complications

Ear, middle, negative pressure in children after nitrous oxide anaesthesia (Blackstock and Gettes), 32

Edrophonium, see Antagonists, Neuromuscular relaxants

Electrocardiography, see Heart Electrocautery, see Equipment Embolism, air, capnography and: correspondence (Smelt et al.), 113 Emergence, see Recovery
Encainide, see Heart, arrhythmias
Endotracheal cuffs, see under Equipment

Endotracheal tubes, see also under Equipment

extubation, role in reversal of opioid obtuned laryngeal reflexes: correspondence (Samson et al.),
 825; reply (Ramsay), 826

Enzymes

- cholinesterase C₅ isozyme, shortened action of succinylcholine in individuals with (Sugimore), 321
- plasma cholinesterase
 - absence of, in a patient, multiple neuromuscular blocking agents and reversal in: clinical report (Dykes et al.), 657
 - activity and edrophonium (Mirakur), 588
 - inhibitory effect of esmolol on (Barabas et al.), 332

Epidemiology: anaesthesia, complications – a survey in France (Tiret *et al.*), 336

Epidural anaesthesia, see Anaesthetic techniques, Epidural

Epinephrine, see Sympathetic nervous system, catecholamines

Equipment

- airway intubator, fiberoptic bronchoscope for awake intubation: clinical report (Sutherland and Sale), 502
- anaesthetic breathing systems
 - Bain, compared with Humphrey A.D.E. system (Humphrey et al.), 698, 710
 - Bain, flow requirements during anaesthesia for Caesarean section (Moseley, Shankar and Krishnam), 583
 - Humphrey A.D.E. system: editorial (Byrick and Rose), 694
 - Humphrey A.D.E. system, compared with Bain,
 Magill and Mapleson: (Humphrey et al.), 698
 - in controlled breathing, comparison of low-flow single lever Humphrey system with Bain system (Humphrey et al.), 710
 - in spontaneously breathing adults, Humphrey A.D.E. low flow single lever system compared with dual lever A.D.E., Bain and Magill systems (Humphrey et al.), 698
 - Magill system compared with Humphrey A.D.E. system (Humphrey et al.), 698; 710
 - Mapleson system compared with Humphrey
 A.D.E. system (Humphrey et al.), 698; 710
 - will there ever be a universal one? Editorial (Byrick and Rose), 694

- catheters

- pulmonary artery, misinterpretation of pressure measurements from: review article (Nadeau and Noble), 352
- pulmonary artery, pre-operative assessment of need in coronary artery surgery: abst. (Ansley et al.), \$70
- circuits, anaesthetic
 - breathing: continuing medical education (McIntyre), 198
 - intraoperative failures diagnosed by expired carbon dioxide monitoring in children (Coté), 315
 - obstruction of fresh gas flow in Ayre's T-piece: correspondence (Bissonnette and Roy), 535
 - T-piece, high pressure alarm for detection of obstruction of fresh gas line: technical report (Doyle and Relton), 94
- cuffs, endotracheal, aspiration beyond (Seegobin and van Hasselt). 273
- electrocautery causing false blood pressure measurement by transducer: technical report (Milne et al.),
 235
- gas pipeline connectors, quick mount, failure in a fail-safe device: clinical report (Chung, Hunter and Pavan), 666
- high pressure alarm for detection of obstruction of fresh gas line in T-piece circuit: technical report (Doyle and Kelton), 94
- medical devices, adverse experience reporting project: editorial (Cohen), 1
- Mennen model 741 ECG monitor, abnormal pattern during battery operation: correspondence (Parker and Moseley), 111
- monitoring, selection for anaesthesia and intensive care: continuing medical education (Hope and Morrison), 670
- transducer measuring arterial blood pressure offset by electrocautery: technical report (Milne et al.), 234
- tubes, endotracheal
- aspiration beyond (Seegobin and van Hasselt),
 273
 - connector fracture an avoidable hazard: correspondence (Nixon), 251
 - value of PEEP to reduce incidence of aspiration around (Janson and Poulton), 157
- ventilator, Air-Shields, leak of driving gas from: correspondence (Lee, Jelenick and Henry), 263

Esmolol, see Sympathetic nervous system, sympatholytic agents

Eye

- intraocular pressure
 - effects of atracurium compared with succinylcholine on, during steady state anaesthesia and rapid sequence induction (Lavery et al.), 437
 - physiology and, implications for anaesthetic management: review article (Cunningham and Barry), 195
- strabismus
 - repair in children: droperidol pretreatment: abst.
 (Eustis et al.), S115
 - surgery in preschool children, nausea and vomiting after (Hardy et al.), 57

Fasciculations, see Muscle, Skeletal Fentanyl, see Anaesthetics, Intravenous Fistula, see Complications

Flecainide, see Heart, arrhythmias

Fluid balance

- hydroxyethyl starch, allergic reaction to: clinical report (Porter and Goldberg), 394
- mannitol
 - effect of high dose on serum urine electrolytes and osmolality in neurosurgical patients: abst.
 (Manninen et al.), S91
 - effect on intracranial pressure in dog with and without intracranial hypertension: abst. (Katz et al.),
 - in man, haemodynamic effects of: abst. (Brown et al.), 92

Freeman-Sheldon syndrome, see Complications

Gases, Nonanaesthetic, helium in airway obstruction due to thyroid cancer: clinical report (Rudow et al.), 498

Gastrointestinal tract

- cimetidine
 - and ranitidine with and without metoclopramide, effect of, on gastric volume and pH in morbidly obese patients (Lamb et al.), 773
 - common bile duct pressure in early post-operative period, effect of nalbuphine on (Vatashsky and Hasket), 433
- gastric pH
 - effect of cimetidine and ranitidine, with and without metoclopramide on, in morbidly obese patients (Lam et al.), 773
 - in critically ill patients, cimetidine compared with ranitidine in controlling (Reid and Bayliff), 287
- gastric volume, effect of cimetidine and ranitidine

- with and without metoclopramide on, in morbidly obese patients (Lam et al.), 773
- ranitidine
 - compared with cimetidine in controlling gastric pH in critically ill patients (Reid and Bayliff), 287
 - compared with cimetidine, with and without metoclopramide, effect on gastric volume and pH in morbidly obese patients (Lamb et al.), 773
- General anaesthesia, see Anaesthetic techniques, inhalation, intravenous; Anaesthetics, Gases, Intravenous, Volatile

Genetic factors

- achondroplastic dwarfs, anaesthesia for: clinical report (Mayhew et al.), 216
- amelia, dental anaesthesia in child with: clinical report (Tallmeister, Sheehan and Pelton), 484
- congenital defects, Klippel-Feil syndrome, anaesthetic considerations in: clinical report (Naguib, Farag and Ibrahim), 66
- Duchenne muscular dystrophy and malignant hyperthermia: clinical report (Wang and Stanley), 492
- Freeman-Sheldon syndrome, cranofacial dysostosis, implications for anaesthesia: clinical report (Laishley and Roy), 388
- malignant hyperthermia susceptible parturient; anaesthetic management: clinical report (Douglas and McMorland), 371
- mandibular dysostosis, Pierri Robin anomaly, Treacher-Collins syndromes: Anaesthesia for: clinical report (Rasch), 364
- plasma cholinesterase absence (silent gene), neuromuscular blocking agents and reversal in a patient with: clinical report (Dyker et al.), 657

Glycogen storage disease, see Metabolism

Glycogenosis, anaesthesia for diagnostic muscle biopsy in an infant with (Rosen and Broadman), 790

Glycopyrrolate, see Premedication

Heart

- arrhythmias, antiarrhythmic drugs: refresher course outline (Roy), S66
 - dispromide, S67
 - encainide, S66
 - flecainide, S66
 - mexiletine, S66
 - procainamide, S67
 - quinidine, S67
 - tocainide, S66
- cardiac output
 - effect of dobutamine, nitroprusside or volume expansion on, after CPPV (Noble and Kay), 48

- effect of lidocaine on, in nonstressed and stressed foetal lamb (Friesen et al.), 130
- measurements by thermodilution, limitations of: brief review (Nadeau and Noble), 780
- cardiac arrest, following intravenous hydralazine and propranolol therapy post-embolectomy: clinical report (Hickey), 379
- cardiovascular
 - agents, hydralazine and propranolol, intravenous therapy causing hyperkalaemic cardiac arrest in post-embolectomy patient: clinical report (Hickey et al.), 379
 - and respiratory effects of ketamine in the neonatal lamb (Burrows, Norton and Fewel), 10
 - effects of isoflurane during short exposures in foetal lamb (Bachman et al.), 41
 - effects of local anaesthetics: refresher course outline (Covino), S5
- coronary arterial smooth muscle, fentanyl and responsiveness of: abst. (Blaise et al.), \$104
- coronary artery
 - bypass surgery, incidence of pre-bypass ischaemia during sufentanil O₂ / pancuronium anaesthesia: abst. (Litak et al.), \$97
 - disease, cardiovascular effects of nondepolarizing neuromuscular blockers in patients with (Sethna, Starr and Estafanous), 280
 - surgery in hypertensive patients, myocardial metabolism and haemodynamic responses with fentanyl-halothane anaesthesia: abst. (O'Brien et al.).
- dilated cardiomyopathy, epidural analgesia for total hip replacement in a person with: clinical report (Amaranath et al.), 84
- electrocardiogram, abnormal, during battery operation of Mennen model 741 ECG monitor: correspondence (Parker and Moseley), 111
- electrocardiographic SF segment elevation following myocardial reperfusion: abst. (Thomson et al.), S102
- left ventricular ejection fraction during anaesthetic induction, comparison of rapid sequence and elective (Chraemmer-Jørgensen et al.), 754
- mitral valve prolapse, ventricular fibrillation during general anaesthesia, in a seven-year-old patient with (Casthely et al.), 795
- myocardium
 - effect of verapamil when added to fentanyl on: abst. (Ramsay et al.), \$100
 - function during ischaemia, deterioration caused by nitrous oxide: abst. (Nathan), S99

- infarction, anaesthesia and: continuing medical education (Maillé et al.), 808
- ischaemic reperfusion injury, in anaesthetized rabbit: comparative effects of halothane and isoflurane (Dolman and Godin), 443
- reperfusion, electrocardiographic ST-segment evaluation: abst. (Thomson et al.), S102
- rate, effect of rapid sequence induction of anaesthesia versus elective induction on (Chraemmer-

Jørgensen et al.), 755

Helium, see Gases, Nonanaesthetic

Hepatitis, see Liver

Hip arthroplasty, see Surgery, Orthopaedic

Hip replacement, see Surgery, Orthopaedic Histamine-2-receptor antagonists

- cimetidine

- compared with ranitidine in controlling gastric pH in critically ill patients (Reid and Bayliff), 287
- ranitidine, with and without metoclopramide compared for acid aspiration treatment in morbidly obese patients: abst. (Lam et al.), S110
- ranitidine
 - compared with cimetidine in controlling gastric pH in critically ill patients (Reid and Bayliff), 287
 - cimetidine, with and without metoclopramide compared for acid aspiration treatment in morbidly obese patients: abst. (Lam et al.), \$110

Hydralazine, see Neuromuscular relaxants Hydroxyethyl starch, see Fluid Balance Hypertension, see Complications Hyperthermia

- malignant

- anaesthetic management of, in a susceptible parturient: clinical report (Douglas and McMorland),
 371
- and Duchenne muscular dystrophy: clinical report (Wang and Stanley), 492
- amide local anaesthetics in MHS patients: editorial (Paasuke and Brownell), 126
- blood lactate studies in (Gronert, Ahern and Milde), 729
- choice of anaesthesia for muscle biopsy: correspondence (Lewis and Caltran), 419; reply (Britt),
 419
- dantrolene induction for use in MHS patients undergoing surgery: abst. (Cunliffe et al.), S113
- dantrolene prophylaxis, 374
- dantrolene in treatment (Gronert, Ahern and Milde), 729
- development of, obscured by cardiopulmonary bypass: clinical report (MacGillivray et al.), 509

- during anaesthesia in a child with Duchenne's muscular dystrophy (Sethna and Rockoff), 799
- muscle energy stores, studies in (Gronert, Ahern and Milde), 729
- porcine, treatment of, studies of lactate gradient from muscle to blood (Gronert, Ahern and Milde), 729
- Hypotension, induced, diltiazem, effect on normal and increased intracranial pressure in cats (Thiagarajah et al.), 578
- Hypothermia, accidental in operating room: continuing medical education (Morley-Forster), 516
- Hypoxia, relationship to transcutaneous PO₂ and arterial PO₂: correspondence (Tremper, Andersen and Baker), 108

Immune response, anaesthesia and: refresher course outline (Moudgil), S54

Immune system

 AIDS, safety and adequacy of the Canadian blood supply: editorial (Derrick), 117

Induction

- anaesthesia
 - atracurium for tracheal intubation, comparison of priming intervals (Naguib et al.), 150
 - in children, effects of dose concentrations of rectal methohexitone on (Laishley, O'Callaghan and Lerman), 427
 - optimal priming dose of atracurium (Naguib, Abdullatif and Absood), 453
 - rapid sequence and elective, compared, effect on heart rate, blood pressure and left ventricular ejection fraction during (Chraemmer-Jørgensen et al.), 754
 - rapid sequence, effect of atracurium and succinylcholine on intraocular pressure (Lavery et al.),
 - with fentanyl and sufentanil, serum catecholamine responses to: abst. (Thomson et al.), S69
 - with ketamine in a patient with hyperinsulinism treated with oral diazoxide: correspondence (Yamashita, Motokawa and Hirano), 685

Intensive care

- costs, reducing without diagnosis-related or case-mix groupings (Girotti and Brown), 765
- factors predicting discharge, acute physiology score, therapeutic intervention score (Girotti and Brown),
 204
- monitoring equipment in; continuing medical education (Hope and Morrison), 670
- paediatric critical care, study of admissions and mor-

tality in multidisciplinary unit: clinical report (Gauthier, Lacroix and Rousseau), 89

Interactions

 allergic drug reactions and anaesthesia: continuing medical education (Moudgil), 400

Intraocular, see Eye

Intubation

- endotracheal
 - cardiovascular response to: abst. (Belisle et al.), S117
 - optimal priming dose of atracurium for (Naguib, Abdullatif and Absood), 453
 - rapid, with atracurium, a comparison of priming intervals (Naguib et al.), 150
- fiberoptic
 - awake, a method of topical anaesthesia and orotracheal intubation: clinical report (Sutherland and Sale), 502
 - improvements in technique: correspondence (Oxorn and Whatley), 824; reply (Green), 824
- gastric, iatrogenic oesophageal perforation: clinical report (Norman and Sosis), 222
- heart rate changes after, effect of divided doses of thiopentone on: abst. (Nadeau and Robblee), S83
- tracheal
 - complications after thiopentone and succinylcholine, esmolol for control of increased blood pressure and heart rate following (Liu et al.), 556
 - iatrogenic oesophageal perforation: clinical report (Norman and Sosis), 222

Isoflurane, see Anaesthetics, Volatile Isozyme, see Enzymes

Ketamine, see Anaesthetics, Intravenous Kidney, acute renal failure: refresher course outline (Byrick), S9

Klippel-Fell syndrome, see Complications

Larynx, stimulation, causing reflex bronchodilation: abst. (Michoud *et al.*), S73

Lidocaine, see Anaesthetics, Local; Heart, arrhythmias Liver

- hepatitis B
 - prevalence of, in anaesthesia personnel (Malm et al.), 167
 - risk factors in anaesthesia personnel (Malm et al.),

Liver, resection, air embolism during: clinical report (Delva et al.), 488

Local anaesthetics, see Anaesthetics, Local

Lung

- alveolar proteinosis, lung lavage: clinical report (Hides, Bradley and Brebner), 662
- asthma, lung lavage complicated by hydropneumothorax: clinical report (Hudes, Bradley and Brebner), 662
- lavage, complicated by hydropneumothorax: clinical report (Hudes, Bradley and Brebner), 662
- oedema after CPPV, effects of dobutamine, nitroprusside or volume expansion on, (Noble and Ray), 48
- pulmonary function, postoperative, after epidural meperidine analgesia following cardiac surgery (Robinson et al.), 550
- pulmonary resection, perioperative transcutaneous oxygen monitoring during thoracic anaesthesia (Chubra-Smith, Grant and Jenkins), 745
- relationship between pulmonary pressure measurements and the lung: 356
- respiratory effects of ketamine in the neonatal lamb (Burrows, Morton and Fewel), 10

Magnetic resonance imaging, see Diagnosis Malignant hyperthermia, see Hyperthermia, Malignant Mannitol, see Fluid balance

Medical devices, see Equipment

Measurement techniques

- arterial carbon dioxide tension, during Bain breathing circuit for Caesarean section (Moseley, Shankar and Krishnan), 583
- blood pressure, invasive non-invasive oscillometry, a comparative clinical study during deliberate hypotension (Gourdeau et al.), 300
- direct blood pressure at the radial dorsalis pedis arteries during nitroprusside and isoflurane induced hypotension: abst. (Lenis et al.), S116
- end-tidal and arterial values of PCO₂ in infants and children: abst. (Bissonnette and Lerman), S76
- gastric contents under general anaesthesia: abst.
 (Hardy et al.), S119
- neuromuscular blockade for rapid intubation in children, pancuronium and succinylcholine compared (Cunliffe et al.), 760
- pulmonary artery pressure, misinterpretation: review article (Nadeau and Noble), 352
- thermodilution, cardiac output determinations: brief review (Nadeau and Noble), 780
- transcutaneous oxygen tension (PtcO₂) in thoracic anaesthesia (Chubra-Smith, Grant and Jenkins), 745

Metabolism, glycogen storage disease, anaesthesia for diagnostic muscle biopsy in an infant with (Rosen and Broadman), 790 Medical Devices Reporting Project (MDRP), see Organizations

Metoclopramide, see Vomiting, anti-emetics Metocurine, see Neuromuscular relaxants Mexiletine, see Heart, arrhythmias Monitoring

- blood pressure, oscillometry and direct, a comparative clinical study during deliberate hypotension (Gourdeau et al.), 300
- body temperature in the operating room, 521
- equipment, selecting for anaesthesia and intensive care: continuing medical education (Hope and Morrison). 670
- marrow embolism during cemented arthroplasty: abst.
 (Byrick et al.), \$120
- oxygen in thoracic anaesthesia (Chubra-Smith, Grant and Jenkins), 745
- pulmonary arterial pressure during liver resection: clinical report (Delva et al.), 488
- transcutaneous oxygen, in infant undergoing tracheoesophageal fistula repair: clinical report (Bautista, Kuwahara and Henderson), 505

Morphine, see Analgesics

Muscle

- biopsy: correspondence (Lewis and Caltran, 419; reply (Britt), 419
- skeletal
 - Duchenne's muscular dystrophy, cardiac arrest following inhalation induction of anaesthesia in a child with (Sethna and Rockoff), 799
 - fasciculations and myalgias induced by succinylcholine, use of atracurium to prevent: abst.
 (Liberman and Skala), S90
 - fasciculations, effect of "self-taming" dose of succinylcholine on (Blanc, Vaillancourt and Brisson), 178
 - myoglobinaemia, effect of "self-taming" dose of succinylcholine on (Blanc, Vaillancourt and Brisson), 178
 - myotonic dystrophy, aspiration pneumonitis and coma, an unusual presentation of (Hannon et al.), 803

Myocardium, see Heart

Nalbuphine, see Antagonists, Narcotic Neuromuscular blockade, see Anaesthetic technique, regional, blockade

Neuromuscular relaxants

- atracurium
 - anaphylactoid reaction to: clinical report (Tetzlaff and Gellman), 647

- blockade, accelerated reversal with divided doses of neostigmine (Abdulatif and Naguib), 723
- cardiovascular effects of, in patients with coronary disease (Sethna, Starr and Estafanous), 280
- compared with succinylcholine, effects on intracranial pressure in monkeys with intracranial hypertension (Haigh et al.), 421
- effect on intraocular pressure during steady state anaesthesia and rapid sequence induction, compared with succinylcholine (Lavery et al.), 437
- infusion for neuromuscular blockade: refresher course outline (Savarese), S1
- optimal priming dose for (Naguib, Abdulatif and Absood), 453
- potentiation by pancuronium and d-tubocurarine (Gerber, Romppainen and Schwinn), 563
- prevention of succinylcholine fasciculations and myalgias; abst. (Liberman and Skala), \$90
- prolonged blockade with: clinical report (Bizzari-Schmid and Desai), 209; correspondence (Naguib and Gyasi), 682; reply (Bizzari-Schmid and Desai), 684
- rapid tracheal intubation with, comparison of priming intervals (Naguib et al.), 150
- role of in haemodynamic course of high-dose fentanyl anaesthesia (Heinonen, Salmenperä and Suomivuori), 597
- d-tubocurarine
 - blockade, priming effect on onset (Donati et al.),
 571
 - dose-response relationships for edrophonium, pyridostigmine and neostigmine as antagonists of: abst. (Donati et al.), 587
 - effect on fasciculations and myoglobinaemia (Blanc, Vaillancourt and Brisson), 178
 - pretreatment, potentiation of atracurium by (Gerber, Romppainen and Schwinn), 563
 - priming in children: abst. (Baxter et al.), S86
 - reversal with neostigmine in a patient with absent plasma cholinesterase: clinical report (Dykes et al.), 657
- hydralazine (vasodilator therapy), in perioperative period: review article (Fyman et al.), 638
- in newborn anaesthesia, S39
- laudanosine, infusion for neuromuscular blockade: refresher course outline (Savarese), \$1
- metocurine, cardiovascular effects of, in patients with coronary artery disease (Sethna, Starr and Estafanous), 280

- pancuronium

- blockade, priming effect on onset of (Donati et al.), 571
- cardiovascular effects of, in patients with coronary artery disease (Sethna, Starr and Estafanous),
 280
- compared with succinylcholine for rapid intubation in children (Cunliffe et al.), 760
- dose-response relationships for edrophonium, pyridostigmine and neostigmine as antagonists of: abst. (Donati et al.), S87
- influence of sex, age and weight on: abst. (Donati and Bevan), S86
- pretreatment potentiation of atracurium by (Gerber, Romppainen and Schwinn), 563
- reversal with neostigmine in a patient with absent plasma cholinesterase: clinical report (Dykes et al.), 657
- role of, haemodynamic course of high-dose fentanyl anaesthesia (Heinonen, Salmenperä and Suomivuori), 597
- pentamethylene diacrylate, infusion of, for neuromuscular blockade: refresher course outline (Savarese),
 S1
- succinylcholine
 - cardiovascular effects of, in patients with coronary artery disease (Sethna, Starr and Estafanous),
 - compared with atracurium, effects on intracranial pressure in monkeys with intracranial hypertension (Haigh et al.), 421
 - compared with succinylcholine for rapid intubation in children (Cunliffe et al.), 760
 - effect of pre-existing beta blockade on potassium flux in patients receiving: abst. (O'Brien et al.), \$89
 - effect on fasciculations and myoglobinaemia
 (Blanc, Vaillancourt and Brisson), 178
 - effect on intraocular pressure during steady state anaesthesia and rapid sequence induction, compared with atracurium (Lavery et al.), 437
 - effect on residual non-depolarizing blockade: abst. (Kitts et al.), S75
 - fasciculations and myalgias caused by, atracurium to prevent: abst. (Liberman and Skala), \$90
 - haemodynamic reactions to: correspondence (Baraka), 252: reply (Nigrovic), 253
 - in patients with brain tumours, serum potassium following (Minton, Stirt and Bedford), 328
 - interaction with esmolol (Barabas et al.), 332
 - shortened action of, in individuals with cholinester-

- ase C₅ isozyme (Sugimori), 321
- use in management of a child with dermatomyositis: clinical report (Johns, Finholt and Stirt), 71
- vecuronium
 - infusion of, for neuromuscular blockade: refresher course outline (Savarese), S1
 - role of, in haemodynamic course of high-dose fentanyl anaesthesia (Heinonen, Salmenperä and Suomivuori), 597

Neuromuscular transmission- train-of-four (Abdulatif and Naguib), 723

Neurosurgery, see Surgery, Neurologic

Newborn, see Anaesthesia, Paediatric

Nitroglycerin, see Surgery, cardiac

Nitroprusside, see Pharmacology; Surgery, Cardiac

Nitrous oxide, see Anaesthetics, gases

Obesity, see Complications

Obstetric anaesthesia, See Anaesthesia, Obstetric Operating room, blood loss in: correspondence (Ha and Weiler), 685

Organizations

- Canadian Anaesthetists' Society Medal (Spoerel), 689
- Medical Devices Reporting Projecting (MDRP) –
 when anaesthetic equipment fails: editorial
 (Cohen), I

Osmolality, see Cerebrospinal fluid Oxygen

- blood levels, relationship of transcutaneous PO₂ and arterial PO₂: correspondence (Tremper, Anderson and Baker), 108
- consumption, following open heart surgery: abst.
 (Ralley et al.), S70
- hypoxaemia, sleep-related, after abdominal surgery in the obese: abst. (Moote et al.), \$105
- hypoxia during thoracic surgery, oxygen monitoring to provide early warning of impending hypoxia (Chubra-Smith, Grant and Jenkins), 745
- measurement of cost of breathing as index of weaning ability from mechanical ventilation: abst. (Mc-Donald), S74
- need following anaesthesia in children: correlation with recovery scores: abst. (Hannallah et al.),
 S111
- tension, measurement during thoracic anaesthesia (Chubra-Smith, Grant and Jenkins), 745

Paediatric anaesthesia, see Anaesthesia, Paediatric Pain

management of: refresher course outline (Catchlove),
 S13

- postoperative
 - control of, by meperidine in spinal anaesthesia (Naguib, Famewo and Absood), 162
 - epidural ketamine for control (Naguib et al.), 16

Pancuronium, see Neuromuscular relaxants

Papavaretum, see Analgesics, opium

PEEP, see Ventilation, positive end-expiratory pressure

Phaeochromocytoma, see Surgery

Pharmacodynamics, priming principle, study of onset of pancuronium and d-tubocurarine blockade (Donati et al.), 571

Pharmacokinetics

- distribution, clearance, elimination of morphine after intravenous loading and maintenance infusion (Sitar et al.), 145
- of alfentanil altered: abst. (Robbins et al.), S103
- of meperidine in spinal anaesthesia (Naguib, Famewo and Absood), 162

Pharmacology

- antiarrhythmic drugs: refresher course outline (Roy),
 S65
- nitroprusside, effect on cardiac output and lung water after CPPV (Noble and Kay), 48
- verapamil, haemodynamic effect of, after large doses of fentanyl in man (Kapur et al.), 138

Phentolamine, see Sympathetic nervous system, sympatholytic agents

Pierre Robin syndrome, see Complications

Pompe's disease, see Metabolism, glycogen storage disease

Potency, anaesthetic (MAC) of isoflurane in the foetal lamb (Bachman et al.), 41

Pre-eclampsia, see Complications

Pregnancy: see also Anaesthesia, Obstetric

- foetus
 - effect of lidocaine on foetal lamb (Friesen et al.),
 130
 - isoflurane potency and cardiovascular effects during short exposures in lamb (Bachman et al.),
 41

Premedication, glycopyrrolate, incidence of nausea and vomiting after use in strabismus surgery in preschool children (Hardy et al.), 57

Procainamide, see Heart, arrhythmias

Prophylaxis, see Drugs

Propranolol, see Heart, Cardiovascular agents

Pruritis, see Complications

Pulmonary, see Lung

Pyridostigmine, see Antagonists, Neuromuscular, neostigmine

Quinidine, see Heart, arrhythmias

Ranitidine, see Gastrointestinal tract; Histamine-2receptor antagonists

Records, anaesthesia, a survey of 112,000 anaesthetics at one teaching hospital (1975–83); (Cohen *et al.*), 22 Recovery

- emergence, increasing carbon-dioxide tension during: abst. (Lim and Chung), S77
- room
 - evolution of patient care in early postoperative period: editorial (Kehler), 269
 - organization and administration of, in the 1980's: special article (Landow), 349

Research, experimental design and statistical analysis: special article (Moodie and Craig), 63

Respiratory, see Lung

Resuscitation, see Ventilation, artificial

Rhabdomyolysis, see Complications

Serum, see Blood

Shock, diaphragmatic fatigue and blood flow distribution in: refresher course outline (Roussos), S61

Sleep apnoea syndrome, see Complications

Sleep, disturbances of, following upper abdominal surgery: abst. (Moote), S105

Somatosensory-evoked potentials, see Brain, evoked potentials

Spinal anaesthesia, see Anaesthetic techniques, regional Spoerel, Wolfgang Eberhard: Canadian Anaesthetists' Society Medal, 689

Statistics

- analysis of scores to predict outcome from intensive care unit (Girotti and Brown), 294
- experimental design and statistical analysis: special article (Moodie and Craig), 63
- survey of 112,000 anaesthetics at one teaching hospital, 1975-83 (Cohen *et al.*), 22

Stellate ganglion, see Anaesthetic techniques, regional Stomach, see Vomiting

Succinylcholine, see Neuromuscular relaxants Sufentanil, Anaesthetics, Intravenous

Surgery

- abdominal
- disturbances of sleep following: abst. (Moote et al.), S105
- in the obese, severe sleep-related hypoxaemia after: abst. (Moote et al.), S106
- anaesthetic management of surgical patient: correspondence (Hardy, Guay and Baillargeon), 256
- aorta, abdominal
 - cardiac function during: abst. (Ansley et al.), S70
 - fentanyl oxygen anaesthesia for (Friesen et al.),
 719

- cardiac
 - epidural meperidine analgesia after (Robinson et al.), 550
 - in children, fentanyl oxygen versus fentanyl-N₂O oxygen (Crean et al.), 36
 - nitroglycerin in perioperative period (vasodilator therapy): review article (Fyman et al.), 629
 - nitroprusside (vasodilator therapy) in perioperative period: review article (Fyman et al.), 629
 - vasodilator therapy in perioperative period: review article (Fyman et al.), 629
- cardiopulmonary bypass
 - obscuring malignant hyperthermia: clinical report (MacGillivray et al.), 509
 - recognition of phaeochromocytoma during: clinical report (Brown and Caplan), 785
- cardiovascular
 - high dose fentanyl for, comparison of use of pancuronium, vecuronium and atracurium as a muscle relaxant (Heinonen, Salmenperä and Suomivuori), 597
 - isoflurane augments the hyperthermia induced reduction of cerebral metabolic rate during: abst.
 (Woodcock et al.), S82
- coronary artery
 - bypass, recognition of pharochromocytoma during: clinical report (Brown and Caplan), 785
 - role of short acting beta blocker (esmolol), in patients undergoing: abst. (Ralley et al.), S98
- day care unit, anaesthesia for: conference report (Paasuke), 644
- effect on renal function, S11
- embolectomy
 - postoperative complications due to intravenous hydralazine and propranolol therapy: clinical report (Hickey et al.), 379
 - transvenous pulmonary embolectomy, anaesthetic technique: clinical report (Goldberg et al.), 79
- hip, see Surgery, Orthopaedic
- malignant hyperthermia susceptible patients undergoing, indications for dantrolene treatment: abst.
 (Cunliffe et al.), \$113
- neurologic
 - effect of high dose mannitol on serum and urine electrolytes in: abst. (Manninen et al.), S90
 - in achondroplastic dwarfs, anaesthetic management: clinical report (Mayhew et al.), 216
- open heart, oxygen consumption and carbon dioxide production following: abst. (Ralley et al.), S70
 ophthalmic, anaesthetic management: review article (Cunningham and Barry), 195

- orthopaedic
 - arthroplasty, monitoring of marrow embolism during cemented: abst. (Byrick et al.), \$120
 - hip arthroplasty, comparison of diltiazem with nitroprusside in producing controlled hypotension during (Bernard et al.), 308
 - hip replacement, total, in a patient with dilated cardio-myopathy, epidural analgesia for: clinical report (Amaranath et al.), 84
- outpatient: see also Surgery, Paediatric
 - day care unit, anaesthesia for: conference report (Paasuke), 644
 - diprivan versus thiopentone for: abst. (Johnston et al.), \$106
- paediatric
 - outpatient, bupivacaine for caudal analgesia, optimum concentration of: abst. (Kapsten et al.),
 S114
 - outpatient, delayed vomiting after papavaretum (Wilton and Burn), 741
 - spinal anaesthesia for minor: clinical report (Blaise and Roy), 227
 - strabismus repair, droperidol pretreatment in: abst.
 (Eustis et al.), S115
- phaeochromocytoma
 - recognition of, during coronary artery bypass surgery: clinical report (Brown and Caplan), 785
 - recurrence of bronchial asthma following adrenalectomy for: correspondence (Nishikawa et al.),
 109
- post-operative
 - analgesia, epidural morphine for: correspondence (McMorland and Douglas), 115; reply (Writer, Hurtig and Fox), 116
 - complications: correspondence (Lunn), 533; reply (Cohen et al.), 533
 - intrabiliary pressure, effect of nalbuphine on (Vatashsky and Haskel), 433
 - period, evolution of patient care in: editorial (Kehler), 269
- pulmonary resection, perioperative transcutaneous oxygen monitoring in (Chubra-Smith, Grant and Jenkins), 745
- thoraco-abdominal haemodynamic and metabolic changes after aortic cross-clamping: abst.
 (Bertram et al.), \$68
- urologic, transurethral prostratectomy, visual evoked potential changes following – correlated with glycine absorption and ammonia metabolism: abst.
 (Cunningham et al.), S96
- vascular, fentanyl anaesthesia for abdominal aortic (Friesen et al.), 719

Sympathetic nervous system

- amiodarone, antiarrhythmic effects of, S67
- anaesthesia, catecholamine levels after verapamil administration (Kapur et al.), 138
- beta blockade, pre-existing, effect on potassium flux in patients receiving succinylcholine: abst.
 (O'Brien et al.). S89
- bretylium, antiarrhythmic affects, S67
- catecholamines
 - effect of isoflurane-induced hypotension on: abst.
 (Macnab et al.), \$109
 - epinephrine, effect of, in local anaesthesia on epidural morphine pruritis (Douglas et al.), 737
- epinephrine, prolongation of canine tetracaine spinal anaesthesia (Bedder et al.), 591
- dobutamine, effect of, on cardiac output and lung volume after CPPV (Noble and Kay), 48
- ganglia, trimethaphan in pre-operative period (vasodilator therapy): review article (Fyman et al.), 638
- serum catecholamine responses to anaesthetic induction with fentanyl and sufentanil: abst. (Thomson et al.), \$69
- sympatholytic agents
 - esmolol
 - for control of increases in heart rate and blood pressure during tracheal intubation after thiopentone and succinylcholine (Liu et al.), 556
 - inhibitory effect of, on human plasmacholinesterase (Barabas et al.), 332
 - role of an ultra-short acting beta blocker (esmolol), in patients undergoing artery surgery:
 abst. (Ralley et al.), \$98
 - pentolamine (vasodilator therapy) in perioperative patients: review article (Fyman), 638

Temperature

- body, effect of anaesthetic drugs on, 518
- body, regulation of in the operating room: continuing medical education (Morley and Forster), 516

Tetracaine, see Anaesthetics, Local

Thiopentone, see Anaesthetics, Intravenous

Tocainide, see Heart, arrhythmias

Transducer, see Equipment

Transfusion

- AIDS and the safety and adequacy of the Canadian blood supply: editorial (Derrick), 117
- changing patterns of practice in a tertiary care hospital from 1977–1984 (Freedman, Lim and Wright),
- complications, air embolism during liver resection, an unusual mechanism of entry from a peristaltic pump: clinical report (Delva et al.), 488

Treacher Collins syndrome, see Complications Trimethaphan, see Sympathetic nervous system, ganglia

Vasopressin, see Hormones, antidiuretic
Veins, cannulation, late venous perforation due to: correspondence (Barra, Dru and Freffe), 256
Ventilation

- artificial, CPR 1986: refresher course outline (Donegan), S43
- continuous positive pressure (CPPV), effects of dobutamine, nitroprusside, or volume expansion on cardiac output and lung water after (Noble and Kay), 48
- controlled, in anaesthetized adults, Bain system compared with Humphrey A.D.E. single lever low flow system (Humphrey et al.), 710
- controlled, in anaesthetized adults, Humphrey A.D.E. single lever low flow system compared with Bain (Humphrey et al.), 710
- mehcanical
- effect of conventional versus high-frequency, on intracranial and cerebral perfusion pressures abst. (Bellefleur et al.), S94
- measurement of spontaneous breathing as an index of weening ability: abst. (MacDonald et al.), S74
- positive end-expiratory pressure (PEEP), efficacy of, in reducing incidence of aspiration around endotracheal tubes (Janson and Poulton), 157
- respiratory depression following epidural morphine (Sandler, Chovaz and Whiting), 542
- spontaneous, Bain, Magill and Mapleson systems compared with single lever A.D.E. Humphrey low-flow universal anaesthetic breathing system (Humphrey et al.), 698
- spontaneous, universal anaesthetic breathing system: editorial (Byrick and Rose), 694

Vecuronium, see Neuromuscular relaxants Verapamil, see Calcium entry blockers; Pharmacology Vomiting

- anti-emetics, metoclopramide
- effects of cimetidine and ranitidine with and without, on gastric volume and pH in morbidly obese patients (Lam et al.), 773
- with and without cimetidine and ranitidine for aspiration prophylaxis in morbidly obese patients: abst. (Lam et al.), S110
- gastric contents; measurement of, under general anaesthesia: abst. (Hardy), S119
- nausea and, after strabismus surgery in preschool children (Hardy et al.), 57

